



**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**

2017-18



## **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, Faridabad for the session 2017-2018. 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 Six Undergraduate, 16 Post-graduate and Ph.D. programmes in all disciplines. The University has started new B.Sc. Hons – Physics and MBA – Retail, Supply Chain, E-commerce and Travel & Tourism from the academic session 2017-18. 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 31<sup>st</sup> March, 2018 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 Sanjeev Kumar                      Associate Professor, Department of Mechanical Engineering
2. Dr. Krishan Verma                    Assistant Professor, Department of Mechanical Engineering
3. 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 2017-2018. 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 1<sup>st</sup> Year and also has been allowed to admit students in 2<sup>nd</sup> 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	24-09-2018
3	Hon'ble Shri Satyadev Narayan Arya	25-09-2018	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	Prof. Sandeep Grover	30-03-2015	03-11-2015
5	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	30-03-2016	Till date



**DEANS (2017-18)**

<b>Dean's Name</b>	<b>Faculty</b>
Dr. Sandeep Grover	Dean, Institutions
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. Atul Mishra	Dean, Research & Development
Dr. Naresh Chauhan	Dean, Student Welfare
Dr. Komal Kr. Bhatia	Dean, Informatics and Computer

**CHAIRPERSONS OF DEPARTMENTS**

<b>Name</b>	<b>Department</b>
Dr. Tilak Raj	Department of Mechanical Engineering
Dr. Komal Kr. Bhatia	Department of Computer Engineering
Dr. Atul Mishra	Department of Computer Applications
Dr. Neelam Mehla	Department of Electronics Engineering
Dr. Rajesh Ahuja	Department of Electrical Engineering
Dr. Ashutosh Dixit	Department of Physics, Chemistry & EVS
Dr. Neetu Gupta	Department of Mathematics
Dr. Poonam Singhal	Department of Humanities
Dr. Ashutosh Nigam	Department of Management Studies



## OTHER OFFICERS

Position	Name of Official
First Appellate Authority	Dr. C.K. Nagpal
Controller of Examination & DR – Establishment	Dr. Rajiv Kumar Singh
Director- IQAC	Dr. Hari Om
Controller of Finance	Dr. Pradeep Dimri
Chief Hostel Warden (Boys)	Dr. Vikas Turk
Chief Hostel Warden (Girls)	Ms. Sandhya Dixit
Proctor	Dr. Manjeet Singh
Training & Placement Officer	Dr. Lakhwinder Singh
Principal, Community College for Skill Development & Director, Alumni Affairs	Dr. Sanjeev Goyal
Dy. Dean – Affiliation	Dr. Ashutosh Dixit
Dy. Dean – Student Welfare	Dr. Sonia Bansal
Librarian	Dr. P.N. Bajpai
DR - Academics	Dr. Harish Kumar
DR – Store & Purchase & Workshop Superintendent	Sh. Vivek Sharma
Public Relations Officer - Nodal Officer (RTI)	Mr. Jitender Singh Yadav
Assistant Law Officer – ASPIO	Ms. Renu Dagar



## YMCAUST AT A GLANCE

STRENGTH OF STAFF		
Sr. No.	Details	Count
1	Teaching Staff	151
2	Non-Teaching Staff	130
ACADEMIC DETAILS		
1	Ph.D. Admissions	34
2	Papers published: National/International	253
3	Participation in Conference/Seminar/Workshop/STC	134
4	Seminar/Workshop/STC Organized	18
5	Total Students who qualified CAT/GATE	104
6	Student Admissions	1554
7	Total Existing Students	3490
8	Student Placements	316

## MEETINGS OF UNIVERSITY BODIES

Sr. No.	Name of Body	Meeting Held
1	University Court	6 <sup>th</sup> University court meeting held on 27.03.2018
2	Executive Council	25 <sup>th</sup> EC meeting held on 21.12.2017
		26 <sup>th</sup> EC meeting held on 27.03.2018
		27 <sup>th</sup> EC meeting held on 17.05.2018
		28 <sup>th</sup> EC meeting held on 20.07.2018
		29 <sup>th</sup> EC meeting held on 24.09.2018
	30 <sup>th</sup> EC meeting held on 11.10.2018	
3	Finance Committee	16.03.2018
4	Academic Council	19.07.2017, 27.02.2018
5	Establishment Committee	21 <sup>st</sup> Establishment committee meeting held on 21.12.2017 & 30.08.2018



## BODIES OF UNIVERSITY

*YMCA University of Science & Technology, Faridabad Act, 2009 (Haryana Act No. 21 of 2009)*

(Gazette Notification No. Leg. 29/2009, dated 16-09-2009)

### A) THE UNIVERSITY COURT:

#### Section-9 & 10 of University Act (Statutes):

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.

### CONSTITUTION OF COURT

Sr.	Membership as	Name of Member	Duration	
			From	Till
1	Chairman, Chancellor- YMCAUST	His Excellency, Governor of Haryana	Ex-Officio Chairman	
2	Vice Chancellor- YMCAUST	Prof. Dinesh Kumar	Ex-Officio Member	
3	Secretary to Govt, Finance Deptt.	Ms. Ranju Parshad, IPOS (Nominee)	Ex-Officio Member	
4	Secretary to Govt, Technical Education Deptt.		Ex-Officio Member	
5	Legal Remembrance, Haryana or his nominee		Ex-Officio Member	
6	Director, Technical Education Department		Ex-Officio Member	
7	Dean- Engg & Tech	Dr. Tilak Raj	Ex-Officio Member	
8	Dean- HAS	Dr. Raj Kumar	Ex-Officio Member	
9	Dean- Management	Dr. Arvind Gupta	Ex-Officio Member	
10	Controller of Examinations	Dr. Hari Om	Ex-Officio Member	
11	Professors of the University not exceeding five, on the basis of seniority by rotation:	Dr. C.K. Nagpal, Professor-Comp Engg.	01-08-2016	31-07-2018
12		Dr. Rajesh Kr Ahuja, Professor-Electrical Engg.	01-08-2016	31-07-2018



13		Dr. P.R. Sharma, Professor-Electrical Engg.	01-08-2016	31-07-2018
14		Dr. Vikram Singh, Professor-Mech Engg.	01-08-2016	31-07-2018
15		Dr. Komal Kr Bhatia, Professor-Comp Engg.	01-08-2016	31-07-2018
16	Four teachers from amongst the readers and lecturers of the University of whom at least two shall be readers on the basis of seniority by rotation:	Mrs. Poonam Singhal, Associate Professor	01-08-2016	31-07-2018
17		Dr. Anju Gupta, Associate Professor	01-08-2016	31-07-2018
18		Sh. Mukesh Gupta, Assistant Professor	01-08-2016	31-07-2018
19		Dr. Pradeep Kumar, Assistant Professor	01-08-2016	31-07-2018
20	5 persons as nominated by Hon'ble Chancellor for 2 years	Dr. Rajbir Singh, Director-Centre for Educational Comm.	01-08-2016	31-07-2018
21		Prof. Ashok Agarwal, Kurukshetra University	01-08-2016	31-07-2018
22		Sh. Rakesh Agarwal, E.D-Gateway Instauration, Sonapat	01-08-2016	31-07-2018
23		Prof. (Retd) Om Prakash Arora, Kurukshetra University	01-08-2016	31-07-2018
24		Lt. Gen. (Retd) K.S. Yadava, Former VC- YMCAUST	01-08-2016	31-07-2018
25	Law Officer	Mrs. Renu Dagar, Asstt Law Officer	01-08-2016	31-07-2018
26	Librarian	Sh. P.N. Bajpai, Asstt Librarian	01-08-2016	31-07-2018
27	Registrar –Member Secretary	Dr. Sanjay Kumar Sharma	Ex-Officio	

**B) PLANNING BOARD OF THE UNIVERSITY:**

**Section-25 of University Act (Statutes):**

- The Planning Board shall advice 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	Ranju Parshad, IPOS (Nominee) , 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	Dr. Pradeep Kumar, Controller of Finance, YMCA UST	Ex-Officio Member	
<b>Members as nominated by Hon'ble Chancellor</b>			
6	Prof. Tankeshwar Kumar, V.C-G.J. University, Hisar	01-08-2016	31-07-2018
7	Prof. K.C. Sharma, V.C.-Kurukshetra University	01-08-2016	31-07-2018
8	Prof. K.K Agarwal, Former V.C-I.P. University, Delhi	01-08-2016	31-07-2018
9	Prof. Yogesh Singh, VC –Delhi Technological University	01-08-2016	31-07-2018
10	Prof. S.P. Bansal, V.C-I.G. University, Rewari	01-08-2016	31-07-2018
11	Prof. P.J. George, Director-KITM Kurukshetra	01-08-2016	31-07-2018
12	Dr. Prashant Bhalla, President-Manav Rachna Institutions	01-08-2016	31-07-2018
13	Dr. Sanjay Kumar Sharma, Registrar-Member Secretary	Ex-officio	

### C) EXECUTIVE COUNCIL OF THE UNIVERSITY

#### Section-11 & 12 of University Act (Statutes):

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.

### CONSTITUTION OF EXECUTIVE COUNCIL

Sr.	Name of Member	Duration of Membership	
		From	Till
1	Prof. Dinesh Kumar, Vice Chancellor	Ex-Officio Chairman	
2	Ms. Ranju Parshad, IPOS (Nominee), 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	Dr. Sandeep Grover, (Dean-Institutions)	Ex-Officio Member	
6	Dr. Tilk Raj, Dean ( Engg & Tech)	01-08-2016	31-07-2018



7	Dr. Raj Kumar, Dean (HAS)	01-08-2016	31-07-2018
8	Dr. Arvind Gupta, Dean –Management	01-08-2016	31-07-2018
9	Dr. C. K. Nagpal, Professor	19-07-2016	18-07-2018
10	Dr. S.K. Agarwal, Professor	19-07-2016	18-07-2018
11	Prof. Prem Vrat, Former Director-IIT Roorkee and Pro-Chancellor; Professor of Eminence and Chief Mentor.	01-08-2016	31-07-2018
12	Prof. S.C. Goel (Retd) C.C.S.H.A University, Hisar	01-08-2016	31-07-2018
13	Dr. N.C. Wadhwa, Retd IAS, V.C, M.R. University, Faridabad	01-08-2016	31-07-2018
14	Sh. Mayank Pareek, E.D- Frevent Global LLP, Faridabad	01-08-2016	31-07-2018
15	Prof. D.P. Bhardwaj (Retd) K.L.P.G. College, Rewari	01-08-2016	31-07-2018
16	Sh. Raj Bhatia, M.D. Bony Polymer, Faridabad	01-08-2016	31-07-2018
17	Registrar	Ex-Officio Secretary	

**D) FINANCE COMMITTEE OF THE UNIVERSITY:**

**Section-15 & 16 of University Act (Statutes):**

The Finance Committee shall exercise the following powers:

The Finance Committee Shall examine the accounts and scrutinize the proposals for expenditure and shall submit the annual budget to the Executive Council for approval. No expenditure in the budget shall be incurred by the University without the prior approval of the Finance Committee which shall fix limits for the total recurring and non-recurring expenditure for the year based on the resources and the income of the University. No expenditure shall be incurred by the University in excess of the limits so fixed.

**CONSTITUTION OF FINANCE COMMITTEE**

S. No.	Membership as	Member	Term of membership	Date of Incorporation as member	Membership Valid till
1.	Hon'ble Vice-Chancellor, J.C. Bose University of Science Technology, YMCA, Faridabad (Chairperson)	Prof. Dinesh Kumar		Ex-officio Member	
2.	Secretary to Govt., Finance Department, Haryana	Ms. Ranju Parshad, IPOS (Nominee)		Ex-officio Member	
3.	Secretary to Govt, Technical Education Department, Haryana			Ex-officio Member	
4.	Director General- Technical Education Department, Haryana			Ex-officio Member	



5.	Controller of Finance-YMCAUST	Dr. Pradeep Kumar	Ex-officio Member	
6.	Registrar-YMCAUST	Dr. Sanjay Kumar Sharma	Ex officio Member Secretary	
7.	Dean (Engg & Tech)	Dr. Tilak Raj	07-12-2016	06-12-2018
8.	Dean (HAS)	Dr. Raj Kumar	07-12-2016	06-12-2018
9.	Member of Finance Committee, nominated by Chancellor on recommendations of the Vice-Chancellor	Sh. Mayank Pareek, CA & ED- Frevent Global LLP, Faridabad (Nominee-Governor)	07-12-2016	06-12-2018
10.	Member of Finance Committee nominated by Vice-Chancellor	Dr. Neera Verma, Professor-Dept. of Economics, Kurukshetra University (Nominee-Governor)	07-12-2016	06-12-2018

## **E) ACADEMIC COUNCIL**

### **Section-13 & 14 of University Act (Statutes):**

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.

### **CONSTITUTION OF ACADEMIC COUNCIL**

Sr.	Member	Duration	
		From	Till
1.	Prof. Dinesh Kumar, Vice Chancellor & Chairman	Ex-Officio Chairman	
2.	Director-General-Technical Education, Haryana	Ex-Officio Member	
3.	Dr. Sandeep Grover (Dean-Institutions)	Ex-Officio Member	
4.	Dr. Tilak Raj, Dean- Engg & Tech	Ex-Officio Member	
5.	Dr. Raj Kumar, Dean- HAS	Ex-Officio Member	
6.	Dr. Arvind Gupta, Dean- Management	Ex-Officio Member	
7.	Dr. Pradeep Kumar, Controller of Finance	Ex-Officio Member	
8.	Dr. Hari Om, Controller of Examinations	Ex-Officio Member	
9.	Sh. P.N. Bajpai, Librarian	Ex-Officio Member	



10.	Dr. C.K. Nagpal , Professor- FET	01-08-2016	31-07-2018
11.	Dr. Rachna Aggarwal, Associate Professor MBA	01-08-2016	31-07-2018
12.	Sh. Naresh Yadav, Assistant Professor- FET	01-08-2016	31-07-2018
13.	Dr. Divya Jyoti, Asstt Professor- HAS	01-08-2016	31-07-2018
14.	Mrs. Jyotsana, Asstt Professor MBA	01-08-2016	31-07-2018
15.	Dr. K.K. Gupta, Principal-Agarwal College, Ballabgarh	01-08-2016	31-07-2018
16.	Prof. N. Lal, V.C - Shri Shri University, Cuttack	01-08-2016	31-07-2018
17.	Dr. S.S.V. Ram Kumar, Director (R&D)	01-08-2016	31-07-2018
18.	Dr. Jitender Chhabra, Professor-NIT, Kurukshetra	01-08-2016	31-07-2018
19.	Dr. Indu Shekhar Shastri, Sr Manager-IOC	01-08-2016	31-07-2018
20.	Sh. Mangu Singh, MD-Delhi Metro	01-08-2016	31-07-2018
21.	Sh. Raj Bhatia, Chairman & MD-Bony Polymers(P) Ltd	01-08-2016	31-07-2018
22.	Sh. Anil Bhardwaj, Director, Ministry of Corporate Affairs	01-08-2016	31-07-2018
23.	Dr. Sanjay Kumar Sharma, Registrar-Member Secretary	Ex-Officio	

## F) ESTABLISHMENT COMMITTEE

### Section- 24 of University Act (Statutes):

- The Establishment Committee shall have the power to recommend to the Executive Council for appointments to non-teaching posts carrying an initial pay of Rs. 6500/- per mensem or more.

**Explanation.** - “appointment” shall include direct appointment as well as by promotion to all non-teaching posts including posts in the University Library and Sports Department, carrying initial pay of Rs. 8000/- per men sem or more.

### CONSTITUTION OF ESTABLISHMENT COMMITTEE

Sr.	Name of Member	Duration of Membership	
		From	Till
1	Prof. Dinesh Kumar, Vice Chancellor & Chairman	Ex-Officio	
2	Dr. Sandeep Grover, Dean-Institutions	Ex-Officio	
3	Prof. S.C. Goel	16-08-2016	31-07-2018
4	Dr. Raj Kumar, Dean-HAS	16-08-2016	31-07-2018
5	Dr. Pradeep Kumar, Controller of Finance, YMCAUST	Ex-Officio	
6	Dr. Sanjay Kumar Sharma, Registrar-YMCAUST	Ex-Officio Member Secretary	



**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	00
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
4.	Electronics & Instrumentation Control Department	B.Tech.	Aided course	Professor	02	01
				Associate Professor	04	03
				Assistant Professor	10	09
5.	Electronics & Communication Engineering Department	B.Tech.	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
		M.Sc.	Self-Financed	Professor	05	00
				Associate Professor	05	00
				Assistant Professor	14	09
7.	MBA Department	MBA	Self-Financed	Professor	01	01
				Associate Professor	02	02
				Assistant Professor	05	05
			<b>TOTAL</b>		<b>178</b>	<b>123</b>



## RECRUITMENT (REGULAR)

Sr. No.	Name	Department	Aided/Self-Financed	Post	Pay Scale	Date of Joining
1	Dr. Ashutosh Nigam	MBA	Self Financed	Professor	37400-67000+10000 GP	23.05.2018
2	Mr. Piyush Gupta	IT	Self Financed	Assistant Professor	15600-39100+6000 GP	25.09.2018
3	Dr. Arpita Chatterjee	Mathematics	Self Financed	Assistant Professor	15600-39100+6000 GP	26.09.2018
4	Ms. Shivi Garg	IT	Self Financed	Assistant Professor	15600-39100+6000 GP	26.09.2018
5	Mr. Ramu Dubey	Mathematics	Self Financed	Assistant Professor	15600-39100+6000 GP	28.09.2018
6	Dr. Rewa Sharma	Computer Engineering	Self Financed	Assistant Professor	15600-39100+6000 GP	28.09.2018
7	Dr. Arun Kumar	Physics	Self Financed	Assistant Professor	15600-39100+6000 GP	28.09.2018
8	Dr. Lalit Mohan Goyal	Computer Engineering	Self Financed	Assistant Professor	15600-39100+6000 GP	05.11.2018
9	Mr. Ompal Singh	Physics	Aided	Assistant Professor	15600-39100+6000 GP	01.10.2018



## NEW RECRUITMENT (CONTRACTUAL)

Sr. No.	Name	Department	Post	Pay Scale / Remuneration	Date of Joining (Initial)
1	Dr. Shilpa Behl	Chemistry	Assistant Professor	40000/-	26.07.2018
2	Dr. Vishwas Khurana	Chemistry	Assistant Professor	40000/-	26.07.2018
3	Dr. Deepshikha Sharma	Electrical Engineering	Assistant Professor	40000/-	26.07.2018
4	Dr. Bharti Thakur	Electrical Engineering	Assistant Professor	40000/-	26.07.2018
5	Dr. Reena Grewal	English	Assistant Professor	40000/-	26.07.2018
6	Mr. Munish Panwar	MBA	Assistant Professor	40000/-	26.07.2018
7	Dr. Sapna Taneja	MBA	Assistant Professor	40000/-	27.07.2018
8	Ms. Sonali Aggarwal	MBA	Assistant Professor	40000/-	27.07.2018
9	Ms. Monika Gupta	Information Technology	Assistant Professor	40000/-	27.07.2018
10	Ms. Aayushi Bansal	Information Technology	Assistant Professor	40000/-	30.07.2018
11	Ms. Chahita Banerjee	Animation & Multimedia	Assistant Professor	40000/-	01.08.2018
12	Dr. Heena	Chemistry	Assistant Professor	40000/-	01.08.2018
13	Dr. Monika Mago	Environment Science	Assistant Professor	40000/-	01.08.2018
14	Dr. Anita Girdhar	Environment Science	Assistant Professor	40000/-	01.08.2018
15	Ms. Raveena Aggarwal	Information Technology	Assistant Professor	40000/-	02.08.2018
16	Ms. Shilpi	Information Technology	Assistant Professor	40000/-	02.08.2018
17	Ms. Shweta	Physics	Assistant Professor	40000/-	14.08.2018
18	Ms. Alka Yadav	Mathematics	Assistant Professor	40000/-	14.08.2018
19	Dr. Pooja Gupta	Mathematics	Assistant Professor	40000/-	16.08.2018
20	Dr. Nobel Tomar	Chemistry	Assistant Professor	40000/-	24.08.2018
21	Ms. Babita	MBA	Assistant Professor	40000/-	30.08.2018



22	Dr. Vandana Agrawal	Physics	Assistant Professor	40000/-	30.08.2018
23	Dr. Kaushal Kumar	Physics	Assistant Professor	40000/-	31.08.2018

**RETIREMENT**

Sr. No.	Name	Department	Post	Date of Retirement
1.	Dr. Niranjana Lal Mangla	Mechanical Engineering	Associate Professor	31.08.2018



## FILLED AND UNFILLED STAFF POSITIONS

**NON- TEACHING/ ADMINISTRATIVE/ TECHNICAL STAFF (NON-PLANNED) POSTS AS  
ON 30-06-2018**

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+7600	01	01	00
3.	Dy. Registrar(To be designated as AR)	9300-34800+ 5400	02	02	00
4.	Dy. Supdt	9300-34800+ 4000	02	0	02
5.	PA	9300-34800+ 4000	01	01	00
6.	Accountant	9300-34800+ 3600	01	01	00
7.	J.E (Civil)	9300-34800+ 4000	01	01	00
8.	Librarian (to be designated as Asstt. Librarian)	15600-39100+6000	01	01	00
9.	Library Counter Clerk	5200-20200+ 1900	03	03	00
10.	HOS	9300-34800+5400	07	05	02
11.	System Analyst cum Programmer	9300-34800+5400	01	00	01
12.	Sr. Instructor	9300-34800+4200	08	06	02
13.	Instructors	9300-34800+3600	15	14	01
14.	Technician	9300-34800+ 3600	08	07	01
15.	Assistant cum DEO	9300-34800+ 3600	09	06	03
16.	Sr. Stenographer	9300-34800+ 3600	05	05	00
17.	Dispenser	9300-34800+ 3600	01	01	00
18.	Sr. Storekeeper	9300-34800+ 3600	01	00	01
19.	Jr. Stenographer	5200-20200+ 2400	02	02	00
20.	Clerk-cum-JDEO	5200-20200+ 1900	12	09	03
21.	Electrician- Gr-I	5200-20200+ 2400	01	01	00
22.	Electrician	5200-20200+ 2400	03	03	00
23.	Driver	5200-20200+ 2400	02	02	00
24.	Carpenter	5200-20200+ 1900	01	01	00
25.	Male Dispensary Attendant	4440-7440+ 1400	01	00	01
26.	Peon	4440-7440+ 1300	11	10	01
27.	Helper/ Attendant	4440-7440+ 1300	14	11	03
28.	Medical Officer (Part Time) Male	20,000/- pm consolidated	01	01	00
29.	Medical Officer (Part Time) Female	20,000/- pm consolidated	01	00	01
	<b>TOTAL (AIDED)</b>		<b>117</b>	<b>94</b>	<b>23</b>



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

ON 30-06-2018

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	00	01
4.	Dy. Registrar	15600-39100+7600	03	02	01
5.	Assistant Law Officer	9300-34800+4600	01	01	00
	System Manager	15600-39100+7600	01	01	00
6.	Executive Engineer (Civil)	15600-39100+6000	01	01	00
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.	Superintendent	9300-34800+4200	02	02	00
11.	Dy. Supdt	9300-34800+ 4000	02	01	01
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	01	00
17.	Lab Assistant	5200-20200+1900	02	02	00
18.	Assistant cum DEO	9300-34800+ 3600	02	01	01
19.	Cashier	9300-34800+3600	01	01	00
20.	Storekeeper	5200-20200+1900	01	01	00
21.	Clerk-cum-JDEO	5200-20200+ 1900	08	07	01
22.	Electrician- Gr-I	5200-20200+2400	01	01	00
23.	Generator Operator	5200-20200+1900	01	01	00
24.	Lineman	5200-20200+2400	01	01	00
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
	<b>TOTAL (AIDED)</b>		<b>43</b>	<b>33</b>	<b>10</b>



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

ON 30-06-2018

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)	01	02
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)	00	02
6.	Technician (SFS)	9300-34800+3600	02 (SFS)	01	01
7.	Data Entry Operator	5200-20200+ 1900	04 (SFS)	02	02
	<b>Total</b>		<b>16</b>	<b>6</b>	<b>10</b>

## NON-TEACHING STAFF (REGULAR) AS ON 30-06-2018

S.No	Name	Designation	Date of Joining
1.	Prof. Dinesh Kumar	Vice Chancellor	04-11-2015
2.	Dr. Sanjay Kumar Sharma	Registrar	30-03-2016
3.	Dr. Rajiv Kumar Singh	Dy. Registrar	01-03-2014
4.	Dr. Prdeep Dimri	Controller of Finance	Additional Charge
5.	Sh Vivek Sharma	Workshop Superintendent	06.02.2017
6.	Dr. Ankur Sharma	Medical Officer	08.02.2017
7.	Sh. P. N. Bajpai	Assistant Librarian	28-03-2006
8.	Sh. Ajay Taneja	Executive Engineer	03.11.2016
9.	Sh. Sachin Gupta	Assistant Registrar	24.11.2016
10.	Sh. Vikas Sharma	Assistant Registrar	23.11.2016
11.	Sh. Rajpal	Superintendent.	01-12-1983
12.	Sh. Sanjay Singh	Dy. Superintendent	14-01-2013
13.	Smt. Renu Chawla	Personal Assistant	20-03-1986
14.	Sh. Dinesh Arora	Personal Assistant	17-11-1989
15.	Sh. Satya Pal Kalyan	Personal Assistant	30-04-1993
16.	Sh. A. K. Sharma	SDE (Civil)	23-12-1994
17.	Sh. Om Prakash	JE (Electrical)	07-03-2008
18.	Sh. Tulsi Ram Chauhan	JE (Civil)	16-07-2014
19.	Smt. Renu Dagar	Asstt. Law Officer	11-07-2014
20.	Sh. Jitender Singh Yadav	Public Relation Officer	31-07-2014
21.	Ms. Sarita Jain	Nurse	05-08-2014
22.	Sh. Saurabh Chaudhary	Assistant	17-01-2013



23.	Ms. Arti Singh	Assistant	26-11-2013
24.	Sh. Sharad Fuloria	Assistant	28-11-2013
25.	Sh. Jogender Singh Gaud	Assistant	05-12-2012
26.	Sh. Abhinav	Assistant	19-12-2016
27.	Ms. Anuradha	Assistant	09-11-2012
28.	Mr. Naresh Kumar	Assistant	09-11-2012
29.	Ms. Richa Rani	Sr. Steno	04-12-2013
30.	Ms. Seema Sharma	Sr. Steno	15-01-2013
31.	Smt. Sunita	Sr. Steno	18-07-2014
32.	Sh. Rajeev Sharma	Sr. Steno	05-02-2013
33.	Sh. Prince	Sr. Steno	02-08-2016
34.	Sh. Ankur Bhushan Goyal	Dispenser	06-06-2012
35.	Sh. Ankur Gupta	Cashier	28-07-2016
36.	Sh. Ashish Kumar Malik	Store Keeper	14-07-2014
37.	Sh. Balwan Singh	Typist/ Clerk	06-11-1987
38.	Sh. Shiv Raj	Typist/ Clerk	11-03-1991
39.	Ms. Jyoti Gaur	Typist/ Clerk	09-11-2012
40.	Sh. Shishupal Kesri	Typist/ Clerk	09-11-2012
41.	Ms. Lalita Kumari	Typist/ Clerk	08-11-2012
42.	Mr. Mahender Saini	Typist/ Clerk	09-11-2012
43.	Mr. Hem Singh	Typist/ Clerk	24-01-2013
44.	Ms. Sandhya Jaiswar	Typist/ Clerk	24-01-2013
45.	Sh. Jaswant	Typist/ Clerk	25-07-2014
46.	Sh. Mohit Sharma	Typist/ Clerk	25-07-2014
47.	Sh. Rajdeep	Typist/ Clerk	01-08-2014
48.	Sh. Parmod Kumar	Typist/ Clerk	01-08-2014
49.	Mr. Jitender Singh	Typist/ Clerk	27-09-2002
50.	Mr. Sanjay Mishra	Typist/ Clerk	07-08-2006
51.	Mr. Navdeep Singh	Typist/ Clerk	07.09.2018
52.	Mrs. Pragya Rashmi	Typist/ Clerk	07.09.2018
53.	Sh. Avnish Kumar Gaur	Lab Assistant	04-08-2014
54.	Ms. Savita Devi	Lab Assistant	08-09-2014
55.	Sh. Bhagwat Dayal	Electrician	14-03-2012
56.	Sh. Ashok Kumar	Electrician	14-03-2012
57.	Sh. Anil Kumar	Electrician	19-11-2012
58.	Sh. Chand Kishore	Electrician Grade-II	11-07-2014
59.	Sh. Parveen	Lineman	15-07-2014
60.	Sh. Ram Niwas	Driver	05-03-1997
61.	Sh. Jagdish Sharma	Driver	15-03-2012



62.	Sh. Tipu Singh	Plumber	11-07-2014
63.	Sh. Bijender	Carpenter	13-08-2012
64.	Ms. Sadhna Bajpai	L.C.C.	21-01-2008
65.	Sr. Saurabh Dixit	L.C.C.	05.09.2018
66.	Sr. Tek Chand	L.C.C.	07.09.2018
67.	Ms. Pooja	Lib. Att. Cum Restorer	12.09.2018
68.	Sh. Avnish Kumar Sharma	Generator Operator	14-07-2014
69.	Mr. Naresh Pahadia	Peon	13-03-2012
70.	Mr. Heera Lal Prajapat	Peon	12-03-2012
71.	Mr. Raj Kumar	Peon	12-03-2012
72.	Mohd. Sakir	Peon	22-03-2012
73.	Mr. Jagbir Singh	Peon	20-03-2012
74.	Mr. Ram Prakash	Peon	19-03-2012
75.	Mr. Satbir	Peon	20-03-2012
76.	Mr. Satish Chand Parewa	Peon	20-03-2012
77.	Sh. Mohit Kumar	Peon	25-11-2013
78.	Sh. Amit Kumar Saroha	Peon	25-11-2013
79.	Mr. Kishore Kumar	H/Attendant	03-07-1985
80.	Mr. Mahabir Singh	H/Attendant	17-11-1994
81.	Mr. Rajbir	H/Attendant	01-04-1998
82.	Mr. Jang Bahadur Singh	H/Attendant	04-06-2001
83.	Mr. Satish Kumar	H/Attendant	22-10-1996
84.	Mr. Pappi	H/Attendant	05-04-1990
85.	Mr. Varun	H/Attendant	21-03-2012
86.	Mr. Kailash	H/Attendant	25-07-2014
87.	Mr. Jai Kishan Verma	H/Attendant	25-07-2014
88.	Mr. Bishan Pal	H/Attendant	09-11-1987
89.	Dr. Amit Gupta	Medical Officer (Part Time)	-



## WORKSHOP STAFF (REGULAR) AS ON 31.03.2018

S.No.	Name	Designation	Date of Joining
1.	Sh Vivek Sharma	Workshop Superintendent	06.02.2017
2.	Sh. Lalit Mohan	HOS (ECE shop)	15-07-1994
3.	Sh. Dharamvir	HOS (EIC shop)	13-07-1992
4.	Sh. Satpal	HOS (GEW shop)	18-08-2006
5.	Sh. Ashish Pal	HOS (FWSMT shop)	21-01-2008
6.	Sh. Man Mohan Kakkar	HOS (RAC shop)	10-08-2006
7.	Sh. Himanshu Gandhi	System Manager	12-08-2009
8.	Mrs. Kusum Arora	Sr. Instructor (ECE shop)	16-10-2006
9.	Sh. Atul Sharma	Sr. Instructor (IT)	12-04-2012
10.	Sh. Mukesh Kumar Garg	Sr. Instructor (Comp. shop)	19-10-1993
11.	Sh. Pawan Kumar	Sr. Instructor (GEW shop)	26-03-2012
12.	Sh. Mukesh Kumar Gupta	Sr. Instructor (IT) Tenure	29-09-2006
13.	Sh. Sunder Singh	Sr. Instructor (M/c shop)	17-08-2006
14.	Sh. Rahish Kumar	Sr. Instructor (RAC shop)	15-02-2008
15.	Sh. Bhagat Singh	Instructor (M/c shop)	18-09-2006
16.	Mrs. Dipika Mandal (Naik)	Instructor (ECE shop)	25-01-2008
17.	Sh. Sanjay Kumar	Instructor (M/c shop)	29-01-2008
18.	Sh. Sanjay Upadhyay	Instructor (Smithy shop)	08-02-2008
19.	Sh. Sanjay Kumar	Instructor (Comp. Engg)	23-01-2008
20.	Sh. Udai Narayan Singh Kushwaha	Instructor (M/c shop)	09-04-2012
21.	Sh. Mukesh Kumar	HOS (ECE) Tenure	06-10-2006
22.	Sh. Mahinder	Instructor (M/c shop)	03-08-2006
23.	Sh. Sulender	Instructor (FWSMT)	04-08-2006
24.	Sh. Vijay Kumar	Instructor (EIC)	02-08-2006
25.	Sh. Ram Avtar	Instructor (ECE shop)	02-08-2006
26.	Mrs. Poulami Jana	Instructor (ECE)	01-02-2008
27.	Ms. Lavita Virmani	Instructor (ECE)	11-07-2014
28.	Mr. Neeraj Parashar	Instructor (CE)	11-07-2014
29.	Sh. Suresh Kumar	Technician (RAC)	01-02-2008
30.	Sh. Fateh Singh	Technician (M/c shop)	03-04-2012
31.	Mr. Puran Lal	Technician (GEW)	08-07-2013
32.	Mr. Krishan Bhardwaj	Technician (CE)	08-07-2013
33.	Mr. Baij Nath	Technician (EIC)	09-07-2013
34.	Mr. Krishan Kumar	Technician-WSMT	11-07-2014
35.	Mr. Varinder Singh	Technician	22-03-2012



### NON-TEACHING & WORKSHOP STAFF (UNDER SFS)

S.No.	Name	Designation	Date of Joining	Remarks
1	Sh. Jitender Kumar	Sr. Instructor (IT)	26-03-2012	Tenure
2	Sh. Mohan Singh	Technician	26-03-2012	Tenure
3	Mr. Ashwini Manchanda	DEO	08-11-2012	Tenure
4	Mr. Jaswant Pahadia	DEO	07-10-2013	Tenure
5	Ms. Seema Raturi	L.C.C.	31-10-2012	Tenure
6	Ms. Hema Singh	Asstt. Library Professional	15-10-2012	Tenure

### NEW RECRUITMENT (REGULAR/SFS)

Sr. No.	Name	Post	Pay Scale	Date of Joining
1.	Mr. Navdeep Singh	Typist/ Clerk	5200-20200+1900GP	07.09.2018
2.	Mrs. Pragya Rashmi	Typist/ Clerk	5200-20200+1900GP	07.09.2018
3.	Sr. Saurabh Dixit	L.C.C.	5200-20200+1900GP	05.09.2018
4.	Sr. Tek Chand	L.C.C.	5200-20200+1900GP	07.09.2018
5.	Ms. Pooja	Lib. Att. Cum Restorer	5200-20200+1900GP	12.09.2018

### NEW RECRUITMENT (CONTRACTUAL)

Sr. No.	Name	Post	Pay Scale/ Remuneration	Date of Joining
1.	Mrs. Suman Vashishta	Placement Officer	48000/- per months	19-12-2016
2.	Dr. Rajesh Kumar Bhardwaj	Sports Officer	28000/- per months	27-12-2016

### RETIREMENT UPTO 30-06-2018

Sr. No.	Name	Post	Date of Retirement
1.	Sh. Anil Kr. Agarwal	Sr. Instructor	30.09.2017
2.	Sh. V.K Sandhal	Sr.Instructor	31.03.2018
3.	Sh. J.P Sharma	HOS	30.04.2018
4.	Sh. Hardayal	Assistant	30.06.2018



**RESEARCH INITIATIVES  
AND  
COURSES**



## RESEARCH INITIATIVES AND COURSES

The University started Ph.D. programmes in 2010-11 in all Computer Engineering, Mechanical Engineering, Electrical & Electronics Engineering. The three more disciplines in Physics, Maths and Management Studies were added in 2011-12. The enrollments in Ph.D. courses are:

Academic session	Computer Engineering	Mechanical Engineering	Electrical and Electronics 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

## LIST OF PROJECTS SANCTIONED TO THE UNIVERSITY

S.No.	Name of Principal Investigator	Title of Research Project	Funding Agency	Duration	Year of Allotment	Amount (Rs.)
1.	Dr. Renuka Gupta	Distribution of Natural Uranium in Groundwater of NCR Region, India	Bhabha Atomic Research Centre, Mumbai	2 Years	2016-2017	1 <sup>st</sup> year received :1848750/ 2 <sup>nd</sup> year to be received : 720000 <b>Total: 27,37500</b>
2.	Dr. Sonia Bansal	Study of Structural and optical properties of metal doped ZnO thin films for optoelectronic devices	DST	2 Years	2016-2017	Ist Year Budget - Rs 7,44,000/- 2nd Year Budget - Rs 1,56,000/- <b>Total Budget - Rs 9,00,000/-</b>
3.	Dr. Maneesha Garg	Measurement of Radon, Thoron and Gamma Radiation	BRNS	2 Years	2016-2017	1 <sup>st</sup> year received :2363400/



		level in Faridabad, Palwal, Gurgaon and Mewat Districts of southern Haryana				2 <sup>nd</sup> year to be received : 969375/ <b>Total:</b> <b>33,32,775</b>
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**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 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

## Annual Report 2017-18



Events organised by Health Centre during the year-:

<b>Date</b>	<b>Name of the Event</b>	<b>Number of participants</b>
07.02.2018	Health Talk on fire earthquake Measures	50 approx
07.02.2018	Health camp on Gastroenterology	100 approx
07.02.2018	Health Camp on Gynaecology	70 approx
07.02.2018	BP, Blood Sugar and ECG Camp	150 approx
09.03.2018	Eye check-up camp	80 approx
25.04.2018	Health awareness talk and check up camp on stress management	50-60 approx



**UNIVERSITY HOSTEL**



## BOY'S HOSTEL

**Chief Warden: Dr. Vikas Kumar**

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 2017 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	Sh. Suresh Kumar

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 Warden: Mrs. Neetu Gupta**

**Additional Chief Warden: Dr. Shailja Jain**

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 from 2016-2017.

S.No	Name of the Hostel	No. of Students	Name of the Warden
1.	Mother Teresa Wing	88	Dr. Shailja Jain
2.	Kalpana Chawla Wing	112	Dr. Sonia Bansal
3.	Sarojini Wing	84	Mrs. Amita Arora
4.	Kasturba Wing	88	Mrs. Sadhna Bajpai

Apart from the authorities there is a dedicated staff of 15 members who cater to the needs of the girls 24x7. The staff includes a resident attendant, matron, lady guards, sweepers, data entry operator, mason, maali and electrician.



The University provides Hostel accommodation to the undergraduate, post graduate and Ph.D 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 50 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
5. First aid and 24x7 Ambulance facilities.
6. Badminton and Basketball courts.
7. Sports and Recreational Facilities
8. CCTV surveillance.
9. Biometric Attendance System.
10. Sanitary Napkin Vending Machines and Incinerators in all the wings.
11. Geysers
12. Induction Cook Tops.
13. Newspapers and Magazines supply.
14. Wi-Fi
15. Apart from all the facilities mentioned above pest control and fumigation/spray for protection from rats and mosquitoes is done on regular basis.
16. Expert lectures are organized to create awareness amongst the girls to maintain hygiene and cleanliness.
17. Self Defense, Anti Ragging, Anti drugs, Career counseling and Yoga classes are also organized time to time.
18. 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.
19. 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.
20. Feedback registers, Complaint registers and suggestion box are maintained to address the grievances of the students.

### **EVENTS/ACTIVITIES/ACHIEVEMENTS DURING THE YEAR (UPTO JUNE 2018)**

In the year 2017 -2018 the following achievements were made :

1. The girls were provided with new and better study tables .
2. Inauguration of TUC Shop in the hostel premises to provide eatables and items of daily use to the girls..
3. Installaton of chimney, Idli maker, masala grinder, potato pealer,steel sinks and tables in the mess.
4. Providing grilled sandwich makers floorwise



## **PLACEMENT OF STUDENTS**



### PLACEMENT STATISTICS 2018 PASSED OUT BATCH

S.No.	Name of Company	No. of Offers	PKG Offered Lacs per annum	For branches visited
1	Gemini Solutions Pvt. Ltd.	3	4.8 to 6 LPA	B.Tech CS/IT
2	NBC Bearing Jaipur	2	5.8 LPA	B.Tech Mech
3	Posist	0	4.5 to 5 LPA	B.Tech CS/IT
4	KPMG	5	4.6 to 5 LPA	B.Tech CS/IT
5	Maruti Suzuki	7	6.4 LPA	B.Tech CS/Mech
6	Danfoss	2	4.3 LPA	B.tTech Mech.
7	Squadrum	3	16 to 19 LPA	B.Tech CS/IT
8	HCL	22	4.75 LPA	B.Tech CS/IT/ECE/EIC M.Tech CS/IT/ECE/EIC/CN
9	Smartprix	0	10 LPA	B.TECH,M.TECH, MCA
10	Libsys	1	6 to 8 LPA (5LPA MCA)	B.Tech CS/IT/MCA
11	Samsung	29	8.88 LPA	CS/IT/ECE/EIC
12	Silversparro	5	4.5 LPA	CS/IT/MCA
13	Yamaha	1	5 LPA/21000/-PM	B.Tech CS/IT/MCA
14	Hero Motocorp	2	5.5 to 6.5 LPA	B.Tech Mech
15	Ex-Squared	6	10000/- PM	B.Tech CS/IT/MCA
16	Opera Solutions	1	6 LPA	B.Tech, M.Tech CS/IT
17	Amazon	4	40000/- PM/27 LPA	B.Tech CS/IT/ECE/EIC/EL/MCA
18	JKT	0	3 LPA/7500/- PM	M.Tech CS/IT/MA
19	Gemalto	3	10000/- PM	B.Tech CS/IT
20	Acezd	1	3LPA 10000/- PM	B.Tech CS/IT/MCA
21	Digitigi	3	35000 to 40000/- (27000/-PM Stipend	B.Tech CS/IT/ECE
22	Daikin Air-Conditing	0	2.6 to 4.74 LPA	B.Tech Mechanical 2017
23	Advisor Logic	5	3.4 to 4 LPA 10000/- PM	B.Tech CS/IT/ECE/EIC/EL
24	TCS	77	3.5 LPA	All Branch
25	Newgen	4	4.25 LPA/ 9000/- PM	B.Tech CS/IT, M.Tech CS/IT/CN
26	Globus	2	2.2 LPA	MBA
27	Falcon	2	3.5 LPA&10000/- PM	B.Tech CS/IT/MCA
28	Connect2India	12	10000/- PM	B.Tech CS/IT
29	Nirvana	3	15000/-PM	B.Tech CS/IT
30	Wipro pool campus	3	3.2 LPA	All Branch
31	KarmaCircles	1	10000/- PM	B.Tech IT
32	JTG	2	17500/-PM & 6.75	B.Tech CS/IT
33	STM	5	21000/- & 7.6 LPA	B.Tech CS/IT
34	Sonar Softech Pvt. Ltd.	2	15000/-PM	B.Tech CS/MCA



S.No.	Name of Company	No. of Offers	PKG Offered Lacs per annum	For branches visited
35	MPHRX	2	2.21 LPA	B.Tech IT
36	ROPOSO	1	3.85 LPA/ 15000/- PM	B.Tech IT
37	HITACHI	10	5 LPA	B.Tech Mech.
38	Jindal Steel	5	6 LPA	B.Tech Mech, EIC
39	Pay-U	1	15000/-PM	B.Tech CE
40	ISGEC	3	4.4 LPA	B.Tech Mech
41	Daikin Air-Conditing	1	4 LPA	B.Tech Mech. 2018 batch
42	Silversparro	1	10000/-PM	B.Tech IT
43	BEMCO	4	10 LPA	B.Tech Mech
44	Lybrate	2	10000/-	B.Tech CS/IT
45	Mediatek	3	7.7 LPA	B.Tech ECE
46	Panasonic	2	5LPA	B.Tech Mech
47	Escorts	2	3.75	B.Tech EIC,EL
48	Panasonic	2	5 LPA	B.Tech EIC
49	OYO Rooms	1	18000/- PM	B.Tech ECE
50	Escorts	2	3.75	B.Tech Mech.
51	Adobe	2	10 LPA	B.Tech CS/IT/MCA
52	Sona BLW	3	3.20 LPA	B.Tech EL/Mech
53	Just Dial	8	2.59 LPA	MBA
54	Jacobs	3	3.12 LPA	B.Tech Mech.
55	Havells	5	3 LPA	B.Tech EL/Mech
56	Dabur	2	7.25	B.Tech Mech./EL
57	TrueChip	2	12000/-PM	B.Tech ECE/EIC
58	Trident	1	3.5 to 4 LPA	B.Tech ECE/EIC/EL/Mech/MBA
59	Webliska (off campus)	1		B.Tech IT
60	JTG	2	6.75 LPA	B.Tech CE
61	Ador welding	2	4.5 to 6 LPA	B.Tech EL/Mech
62	HMCMM	1	3 LPA	B.Tech Mech
63	Jastech	4	2.20 to 3 LPA	B.Tech EL
64	Koiwai	5	3.6 LPA	B.Tech Mech
65	Frick India	6	16000/-PM	B.Tech Mech.
66	1MG	2	7-8 LPA	B.Tech CS/IT
67	ETA General	3	3 to 3.5 LPA	B.Tech Mech.
68	Bosch	4	4 LPA	B.Tech Mech.

The Highest Package offered for 2018 batch (B.Tech) is 27.00 LPA & 4.75 LPA for M.Tech 2018 batch while the average package in both courses is 3.73 LPA. The minimum package offered is 2.2 LPA.



## **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:

- DIGITAL INDIA CELL
- WOMEN WELFARE CELL
- GRIEVANCE REDRESSAL CELL
- LEGAL CELL
- RTI CELL
- SC/ST WELFARE CELL
- EQUAL OPPORTUNITY CELL
- CAREER COUNSELLING CELL
- INDUSTRY RELATION CELL
- CAREER AND COUNSELING CELL



## 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. This cell aims to conduct Digital India Events at the University level and works as a link between Govt. initiatives and the University.

### CONSTITUTION

- Dr. Naresh Chauhan – Nodal Officer
- Dr. Neelam Duhan, Assistant Professor – Coordinator
- Dr. Anuradha, Assistant Professor – Member
- Mr. Umesh, Assistant Professor – Member
- Mr. Sushil Kumar, Assistant Professor – Member
- Mr. Bal Krishan, Assistant Professor – Member
- Mr. Vinod Rathore, Assistant Professor – Member
- Dr. Sanjeev Goyal, Assistant Professor – Member
- Mr. Mukesh Gupta, Assistant Professor – Member
- Mr. Atma Ram, Assistant Professor – Member
- Mr. Satwinder Singh, Assistant Professor – Member
- Dr. Renu Aggarwal, Assistant Professor – Member
- Ms. Jyotsna Chawla, Assistant Professor – Member
- Dr. Mani Kant Yadav, Assistant Professor – Member
- Ms. Bindu Mangla, Assistant Professor – Member
- Mr. J. P. Sharma, HOS – Member
- Mr. Mukesh Gupta, Senior Instructor – Member
- Mr. Himanshu, System Analyst – Member
- Mr. Jitender Singh Yadav, Public Relations Officer – Member

The broad objectives of the cell are as follows:

- To implement Nine Pillars of Digital India
- To implement Digital lockers for students/staff and facilities provided
- To familiarize students/staff about Tele Medicine Consulting services
- To conduct Digital Literacy Programs
- To get acquainted 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.

### MEETINGS HELD DURING THE YEAR

S. No.	Date of Meeting	Agenda of Meeting
5	05-07-2017	Status of Implementation of MOOC courses
6	16-08-2017	Regarding Digital payment workshop
7	19-09-2017	Regarding MOOC courses



## EVENTS/ACTIVITIES/ACHIEVEMENTS DURING THE YEAR

S. No.	Name of achievement
1	University bagged 4th rank with Grade 'AAA' in the NPTEL grading for Jan-June 2018 among 2500 institutes

Date	Name of Activity	Number of Participants
11.10.2017	Digital payment workshop in collaboration with Punjab National Bank	150
22.02.2018	Industry Connect Programme in collaboration with IR cell	300
July 2017 - June 2018	Examination branch along with Digital India Cell has successfully set up NAD (National Academic Depository) in collaboration with CDSL Venture Ltd. The test run of the same has been successfully completed and implemented.	To be established at the University level
Jan-June 2018	<p><b>NPTEL/ SWAYAM MOOCs:</b></p> <p>No. of UG students enrolled =373</p> <p>No. of PG students enrolled = 285</p> <p>No. of UG courses approved=25</p> <p>No. of PG courses approved=18</p> <p><b>SWAYAM Prabha (Under TEQIP):</b></p> <p>No. of DD free Dish along with T.V installation =3</p>	The Examination Fee of B.Tech/M.Tech registrations has been paid by University under TEQIP Funds



### **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**

<b>S. No.</b>	<b>Date of Meeting</b>	<b>Agenda of Meeting</b>
1	24.08.2017	To discuss the action plan for various activities
2.	04.09.2017	Regarding Yoga camp
3.	08.09.2017	For Assigning duties regarding Yoga camp
4.	29.09.2017	To discuss Various women Cell activities
5.	21.02.2018	Expert Lecture
6.	07.03.2018	Regarding health camp on women day celebration
7.	10.04.2018	Program on women empowerment
8.	13.04.2018	Program on women empowerment

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

<b>Date</b>	<b>Name of Activity</b>	<b>Number of Participants</b>
11.09.2017	Yoga Camp Organised by Bhartiya Yog Sansthan to for strengthen women mentally and physically through yoga.	50
23.02.2018	Expert Lecture on Gender equality awareness and safety was conducted .Dr. Bulbul Dhar James from Jamia Milia was the speaker. She talked about the gender equality and right to work	250
08.03.2018	Health Camp for Girl students and staff	100
16.04.2018	Dance and play related to women empowerment and neglected mothers	200

**DETAILS OF COMPLAINT ABOUT WOMEN HARASSMENT**

<b>S. No</b>	<b>Details</b>	<b>Department</b>
1.	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 plaints, 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 plaints 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.
- 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 pending in the year 2017-18:	17
Number of cases filed during the year 2017-18:	11
Number of cases decided during the year 2017-18:	01



**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

S. No.	Subject Matter	Department/ Section	Public Information Officer	Name of the Public Information Officer
1	Information relating to academic departments	Various Departments (CE/CA/EE/ME/EL/Civil/Maths/Chemistry/Physics/EVS/Humanities/MBA)	PIO-cum-Chairperson of the concerned department	CE: Prof Komal Bhatia
				CA: Prof. Atul Mishra
				EE: Prof Munish Vashishtha
				ME: Prof. Tilak Raj
				EL: Prof Rajesh Ahuja
				CIVIL: Prof M. L. Aggarwal
				Humanities: Dr. Poonam Singhal
				Maths: Dr. Neetu Gupta
				Chemistry, Physics, EVS: Prof. Ashutosh Dixit
MBA: Prof. Arvind Gupta				
2	Information relating to Examination branches	Examination Section	PIO-cum-Deputy Registrar/ Assistant registrar Examination branch	Prof. Hari Om/Neelam Turk COE/Dy. COE
3	Information relating to Establishment matters (Teaching and Non-Teaching)	Establishment Section	PIO-cum-Deputy Registrar/ Assistant registrar Establishment	Dr. Rajiv Kumar Singh (DR-E)
4	Information relating to Accounts matters	Accounts Section	PIO-cum-Controller of Finance/Chief Accounts Officer	Dr. Pradeep Dimri/Sh. S.C. Kaushik COF/CAO
5	Information relating to Construction/ Maintenance matters	Maintenance/Construction Section	PIO-cum-XEN/SDE	Sh. Ajay Taneja/Sh. A.K. Sharma XEN/SDE
6	Information relating	Academic	PIO-cum- Deputy	Sh. Harish Kumar (DR-A)



	to Registration/ general Academic matters	Section	Registrar/ Assistant registrar Academic section	
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
8	Information relating to all hostel matters	Office of Chief hostel warden (Boys and girls)	PIO-cum-Addl. Chief hostel warden of respective hostel (boys and girls)	Sh. Vikas Turk, CHW (Boys)
				Girls:- Ms Neetu Gupta, CHW (Girls)
9	Information relating to general discipline related matters	Office of proctor	PIO-cum-Proctor	Dr. Manjeet Singh Proctor
10	Information relating to Store and Purchase related matters	S&P Section	PIO-cum- Deputy Registrar/ Assistant registrar S&P	Sh. Vivek Sharma (DR-P)
11	Information related to Workshop	Office of Workshop Superintendent	PIO-cum- Workshop Superintendent	Sh. Vivek Sharma (WS)
12	Information related to Affiliation Branch	Affiliation Branch	PIO-cum-Dy. Dean/Coordinator	Dr. Ashutosh Dixit/Dr. Preeti Sethi Dy. Dean/Coordinator
13	Information related to Training and Placement Office	TPO	PIO-cum TPO	Prof. Lakhwinder Singh, Training & Placement Officer
14	Information related to Community College	Principal, Community College	PIO-cum-Principal Community College	Dr. Sanjeev Goyal Principal, Community College
15	All other offices/Sections/Cell /Newly created Deptt., if any	Concerned Head of Deptt./ Section / Office /Cell	PIO-cum- Concerned Office Head	Concerned Deptt./Section/ Office/Cell Head

**DETAILS OF RTIs / FIRST APPELLATE / SECOND APPELLATE AS ON 30-06-2018**

- 91 - RTI applications were received during June 2017 to July 2018 and disposed off. No RTI under consideration.
- 08 - RTI applications to first appellate authority were received and disposed off. No appeal is under consideration.
- 02 - RTI applications to second appellate authority were received and disposed off. No appeal is under consideration.



### **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

## **INDUSTRY RELATION 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. Rashmi Popli, Director
- Dr. Sanjeev Goyal, 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 YMCAUST 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:

- 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
01	13.07.2017	One- day workshop with Pratt and Whitney for laying the roadmap for MoU implementation.
02	04.08.2017	Tree Plantation Drive
03	17.08.2017-18.08.2017	Two-Day Value-added Course on Aircraft Maintenance and Operations by Pratt and Whitney
04	25.09.2017	Student Participation at RICS School of Built Environment
05	04.10.2017-07.10.2017	Participation of 2 students in Green Building Congress held at Jaipur
06	25.10.2017	Inter-Departmental Workshop for students
07	01.01.2018-05.01.2018	Scheduled five-day training for 30 students of Mechanical Engineering
08	01.01.2018-05.01.2018	Faculty Development Program for Mechanical Engg.
09	12.02.2018	Workshop on LDRA Softwares and Security Testing
10	05.02.2018	Visit At National Small Industries Corporation (NSIC), Neemka, Faridabad.
11	23.02.2018	Workshop on Digital Forensics and Investigations
12	15.03.2018	Workshop at ABES Engineering College
13	15.03.2018	Workshop on Law of Attraction
14	19.03.2018	Visit at Ajay Kumar Garg Engineering college
15	28.03.2018	MSME Conclave
16	04.04.2018	Demo session of this Mobile app
17	20.04.2018	Industry Conclave
18	02.05.2018	Training of Students on Internet of Things

### MOU SIGNED DURING THE YEAR

Sr. No	Dates	Details
01	24.07.2017-23.07.2022	MOU signed with Research for Resurgence Foundation, Nagpur for research, innovation and creativity among students.
02	24.07.2017-23.07.2020	MOU signed with Haryana Vishwakarma Skill University (HVSU) to offer Skill Development Program to Saksham Registered youth undergoing saksham skill certified program and courses in cyber and network Security.
03	10.10.2017- 9.10.2020	MOU signed with Inter University Accelerator Centre to promote Academic interaction between IUAC and YMCAUST to create means of co-operative efforts between the two institutes to effect academic collaboration through joint PHD student sharing.
04	27.04.2017-26.04.2020	MOU signed with CSIR (Central Electronics Engineering Research Institute, Pilani) Rajasthan, India to provide assistance in the area of teaching, research, exchange of Faculty and students, cultural exchange and staff development, as deemed beneficial by the two



		institutions.
05	19.07.2017-18.07.2019	MOU signed with United Technologies Corporation India Pvt. Ltd. (Pratt &Whitney India Training Center) to explore collaboration on developing aviation aerospace related courses that may be offered by PWITC to complements the existing course curriculum being offered by the university, with an ultimate aim of enhancing the employability of students and bridging the gap of skilled manpower in the aerospace & aviation sectors & supporting " Skill India "initiative of the Government of India.
06	15.05.2018-14.05.2019	MOU signed with NSIC-Technical Services Centre, NEEMKA, for imparting industry centric, demand oriented training for skill / entrepreneurship development to address the demand of skilled manpower in the industry.
07	20.04.2018-19.04.2019	MOU signed with Yamaha Motor Solutions (INDIA) Private Limited for providing Academic Interface Programme ("AIP"), under which student and teacher communities of YMCAUST will take training through workshops and student internships programs.
08	20.04.2018-19.04.2019	MOU signed with Ador Welding Limited, India's pioneer-leader in the welding industry. Ador Welding limited has been a major supplier of a variety of welding consumables, equipment and systems for over half a century. The MOU will explore collaboration on welding, cutting, consumables, power sources and accessories.
09	20.04.2018-19.04.2019	MOU signed with Godrej & Boyce Manufacturing Company Ltd. to initiate vocational training activities. Godrej will partner with YMCA University for imparting training in various occupational areas in India. G & B and YMCAUST, Faridabad are committed to the social cause; hence this partnership is made to achieve the objective of Godrej Disha. G & B and YMCA University henceforth will jointly offer the technical training courses in new centre, in agreement.
10	04.06.2018-03.06.2019	MOU signed with Ambedkar Institute of Technology for recognizing the importance of research and development.



## **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**

<b>Sr. No</b>	<b>Dates</b>	<b>Details</b>
1	01-02-2018	Representative from National Stock Exchange Financial Quiz and Seminar
2	05-02-2018	Seminar on Digital Marketing
3	06-02-2018	Seminar on Aviation Industry
4	08-02-2018	Seminar on Business Humanity and Education
5	27-03-2018	Workshop on Improving Student's Efficiency in Education and Corporate
6	25-04-2018	Workshop on Innovative Solution for Indian Economy"



**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 DURING 2015-16**

The report of academic audit by the concerned chairpersons is submitted to Director, IQAC in the prescribed format in First week of November, 2015 and May, 2016.

### **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.

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 competition of degree. Most of them undertake one or more industrial projects during training. The YMCAUST 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.



### **TRANSPARENCY IN STUDENT'S ASSESSMENT SYSTEM**

The University has been following the credit based system (CBS) for evaluation of student performance since year 2008. The main focus remains on timely declaration of examination results. The system also has provision for showing answer books of sessional test and semester examination to the students to enhance the transparency resulting in improved student satisfaction.

The credit based system (CBS) system provides flexibility in designing curriculum and assigning credits based on the course content and hours of teaching. It has helped to improve teaching learning process and has expedited the process of declaration of the results. The schedule of internal/sessional examination, paper showing/assessing is mentioned in the academic calendar.

- The evaluation sequence comprises two segments that include internal assessment and final assessment. Two mid-semester sessional tests, assignments and seminars constitute the internal assessment.
- The end semester exam forms the final assessment, the aggregate of both serve to evaluate a student in a particular programme.
- At last the evaluated answer books showing programme is conducted for students' verification and satisfaction (schedule is notified in advance)

### **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:

<http://www.ymcaust.ac.in/index.php/en/grievance-form-all>.

### **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.



**DEPARTMENTS OF THE UNIVERSITY**



**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

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

### 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 &amp; FDP/STC

Sr. No.	Particulars	Count (2017-18)
1.	Publications in International Journals	85
2.	Publications in National Journals	-
3.	Publications in International Conference	20
4.	Publications in National conferences	18
5.	STC/FDP	40

## PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL JOURNALS

S. No.	Name of Faculty	Title, Journal, Volume, Issue, Pages, Year
1.	Dr. Sandeep Grover	1. Analyzing the barriers affecting the effective utilization of quality tools and techniques using Integrated ISM approach, Management Science Letters, Vol. 7, No. 11, pp. 525-540, 2017. Available online: August 7, 2017
		2. Quality tools and techniques: an introspection and detailed classification, International Journal Quality and Innovation, Vol. 3, Nos. 2/3/4, pp.107-142, 2017. Published on 20-3-2018.
		3. Effect of Hybrid wire EDM conditions on generation of residual stresses in machining of HCHCr D2 Tool steel under ultrasonic vibration, International Journal on Interactive Design and Manufacturing (IJIDeM) <a href="https://doi.org/10.1007/s12008-018-0474-8">https://doi.org/10.1007/s12008-018-0474-8</a> . Available online: 31-03-2018
2.	Prof. M.L. Aggarwal	1. Performance analysis of magnetorheological fluid assisted electrical discharge machining, Materials and Manufacturing Processes, DOI: 10.1080/10426914.2017.1364852, 2018(In press)
		2. A Review on Hybrid Electrical Discharge Machining Processes, International Journal of Advanced and Innovative Research, Vol. 06, Issue 12, Dec 2018, pp14
		3. Comparative Analysis of Magneto Rheological Fluid Assisted Electrical Discharge Machining at Stationary and Rotating Conditions of Tool, Journal of Advanced Manufacturing Systems, 2018,17(3), 277
		4. Effect of preheating on fatigue resistance of gears in spin induction



		coil hardening process, IOP Conference Series: Materials Science and Engineering, Volume 310, conference 1, 310 ,012142 doi:10.1088/1757
3.	Dr. Tilak Raj	1. Tool life management of unmanned production system based on surface roughness by ANFIS., International Journal of System Assurance Engineering and Management Volume 8, Issue 2, pp 458-467, 2017 in International Journal of System Assurance Engineering and Management
		2. Fabrication of NiTi Alloy: A Review, , Volume 232, Issue 3, pp 250-269, 2018/3 in <i>Proceedings of the Institution of Mechanical Engineers Part L: J Materials: Design and Applications</i>
		3. Physical and Tribological Characterization of NiTi alloy Fabricated by P/M, Volume 35, Issue 5, pp 541-546, 2017 in <i>Particulate Science and Technology: An International Journal</i>
		4. Parameter optimization and experimental study on wire electrical discharge machining of porous Ni <sub>40</sub> Ti <sub>60</sub> alloy, Volume 231, Issue 6, pp 956-970, 2017 in <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i>
		5. Analyzing the factors affecting the flexibility in FMS using weighted interpretive structural modeling (WISM) approach Volume 8, Issue 2, Pages 408-422, 2017 in International Journal of System Assurance Engineering and Management
		6. Different aspects in design and development of flexible fixtures: Review and future directions, Volume 26, Issue 3, Pages 386-410, 2017 in International Journal of Services and Operations Management 26 (3), 386-410.
		7. Conceptual design and development of pneumatically controlled flexible fixtures and pallets, , Volume 29, Issue 2, pp 147-162, 2018 in International Journal of Services and Operations Management
		8. Optimization of AGVs path layout in Flexible manufacturing system using 0-1 linear integer programming, Volume 8, Issue 2, pp 182-205, 2018 in International Journal of Process Management and Benchmarking
		9. A TISM model for structuring the productivity elements of flexible manufacturing system, Volume 11, Issue 4, pp 905-912 , , 2017
		10. Select the best supply chain by risk analysis for Indian industries environment using MCDM approaches, Benchmarking: An International Journal, Volume 24, Issue 5, pp 1400-1413, 2017



3.	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, May 2018.</p> <p>2. "Experimental investigation into the effect of noise and damping using composite spur gear", Elsevier: Material Today: Proceeding 4 (2017) pp 2777-2782.</p>
	Dr. Arvind Gupta	<p>1. Experimental Investigation and Simulation of Magnetic Flux Leakage from Metal Loss Defects, Journal of Failure Analysis and Prevention, DOI 10.1007/s11668-017-0286-3, (2017).</p>
	D. Vikram singh	<p>1. "Availability analysis and performance optimization of a butter oil production system: a case study", International Journal of System Assurance Engineering and Management (Springer). Vol.8 (1), pp.538-554, 2017</p> <p>2. Mathematical modeling and reliability analysis of the serial processes in feeding system of a sugar plant", International Journal of System Assurance Engineering and Management (Springer). DOI VOL. 8 (1), PP.435-450,2017.</p>
3.	Dr. Rajeev Kumar Saha	<p>1. Systematic literature review of classification and categorisation of benchmarking in supply chain management, International Journal of Process Management and Benchmarking, Vol. 7, No. 2, 183-205, 2017</p> <p>2. Identifying and Ranking Critical Success Factors for Implementing Leagile Manufacturing Industries Using Modified TOPSIS, International Journal of Social, Behavioral, Educational, Economic, Business and Industrial Engineering, Vol. 11, No. 4, 956 – 960, 2017</p> <p>3. Evaluation of Leagile Criteria Using DEMATEL Approach, International Journal of Social, Behavioral, Educational, Economic, Business and Industrial Engineering, Vol. 11, No. 4, 987 – 991, 2017</p> <p>4. Quantifying Key Factors Affecting Leagile Manufacturing System, International Journal of Social, Behavioral, Educational, Economic, Business and Industrial Engineering, Vol. 11, No. 4, 1015 – 1022, 2017</p> <p>5. Selection of Material for Gear used in Fuel Pump using Simple Additive Weighting (SAW) Method, International Journal for Scientific Research &amp; Development, Vol. 5, No. 4, 706-707, 2017</p>



		6. Selection of Material for Gear Used in Fuel Pump Using Graph Theory and Matrix Approach, International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering, Vol. 11, No. 4, 897 – 900, 2017
		7. Interpretive Structural Modelling of NAAC Criteria, International Journal of Engineering Technology Science and Research, Vol. 4, No. 6, 258-267, 2017
		8. Understanding the barriers in implementing Leagile manufacturing system, International Journal of Productivity and Quality Management, Vol. 22, No. 4, 499-520, 2017
		9. Benchmarking Practice for Identification of Internal Supply Chain Management Performance Factors Gap, Journal of Supply Chain Management System, Vol. 6, No. 4, 33-38, 2017
		10. Performance Indicators for Benchmarking of Internal Supply Chain Management, International Journal of Social, Behavioral, Educational, Economic, Business and Industrial Engineering, vol. 11, No. 7, 1940 - 1944, 2017.
		11. World Class Manufacturing: A Review, International Journal of Engineering Technology Science and Research, Vol. 4, No. 11, 625-630, 2017
		12. Leagile Manufacturing: A review Paper, International Journal of Productivity and Quality Management, vol. 23, No. 3, 385-421, 2018
		13. Social Implications of Leagile Manufacturing system: TISM approach, International Journal of Productivity and Quality Management, Vol. 23, No.4, 423-445, 2018
		14. An AHP Model of World Class Manufacturing Enablers for Indian Manufacturing Organizations, International Journal of Management, Technology And Engineering, Vol. 8, No. 6, 142-165, 2018
		15. Evaluating key performance indicators of leagile manufacturing using fuzzy TISM approach, International Journal of System Assurance Engineering and Management, Vol. 9, No. 2, 427–439, 2018
4.	Dr. Sanjeev Kumar	1. Performance modeling of the serial processes in refining system of a sugar plant using RAMD analysis, International Journal of System Assurance and Engineering Management, November 2017, Volume 8, Supplement 2, (Springer)pp 1910–1922



		<ol style="list-style-type: none"> <li>2. Flexible Manufacturing System: A Review, International Journal of Engineering Technology Science and Research JETSR Volume 5, Issue 4 April 2018 pp. 752-757</li> <li>3. Reduction of Production Cost by Flexible Manufacturing Techniques, International Journal of Engineering Technology Science and Research IJETSR Volume 5, Issue 5 May, 2018 pp. 649-660</li> <li>4. Optimisation Of Process Parameter In CNC Turning Operation For Ss430 By Using Taguchi Method, International Journal of Management, Technology And Engineering, Volume 8, Issue VI, JUNE/2018 pp. 26-39</li> <li>5. Selection of Material for Gear used in Fuel Pump using Simple Additive Weighting (SAW) Method, International Journal for Scientific Research &amp; Development, Vol. 5, No. 4, 706-707, 2017</li> <li>6. Selection of Material for Gear Used in Fuel Pump Using Graph Theory and Matrix Approach, International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering, Vol. 11, No. 4, 897 – 900, 2017</li> </ol>
5.	Dr. Vasdev Malhotra	<ol style="list-style-type: none"> <li>1. Identification of Key barriers affecting the cellular Manufacturing System by ISM approach, International journal of process Management and Bench marking, Published Vol 7, No. 4 , 2017</li> <li>2. Analysis of factors affecting the lean and Green Manufacturing Systems by ISM approach, International journal of Theoretical and Applied Mechanics, Vol 12, Number 3, PP 637-641, 2017 ( UGC approved , list Number 17669</li> <li>3. Agile Manufacturing system: An Introduction, published in International Journal of Theoretical and Applied Mechanics, Vol 12, no.2, 2017, 681-685</li> <li>4. overview of Multicriteria Decision making technique, published in international Journal of Theoretical and applied Mechanics, Vol. 12, no.2, 2017, pp. 687-690</li> <li>5. Importance of cellular Manufacturing system , published in international journal of computational intelligence research , vol. no. 13, no.4, 2017, pp. 497-502</li> <li>6. A comprehensive Review on Natural Fiber Reinforced polymer composites , International journal of Engineering Research in Mechanical and Civil Engineering, Vol. 3, issue 4, April 2018 , impact factor -3.8 , UGC Approved</li> <li>7. Technological Modularity in Manufacturing Industries : A review , Published in International journal of Engineering Research in Mechanical and Civil Engineering, Vol. 3, issue 4, April 2018 ,</li> </ol>



		impact factor -3.8 , UGC Approved
		8. 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
6.	Ms. Sandhya Dixit	<ol style="list-style-type: none"> <li>1. A TISM model for structuring the productivity elements of flexible manufacturing system, International Journal of Industrial and Manufacturing Engineering, Volume 11, Issue 4, pp 905-912 , 2017</li> <li>2. Comparision of automated material handling system with human labour in FMS environment: Identification of core attributes”, International Journal of Management Technology and Engineering, Vol, 8, No.5.</li> </ol>
7	Nikhil Dev	1. “Evaluation of gas turbine power plant efficiency using graph theoretic approach” International Journal of Systems Assurance Engineering and Management, 2017, Volume 8, (2), pp 676–689.
8	Dr. Krishan Kumar	<ol style="list-style-type: none"> <li>1. CAD Modeling of Solar Vehicle Structure”, International Journal of Management, Technology and Engineering, Volume 8, Issue V, pp 346-354, 2018, ISSN NO : 2249-7455</li> <li>2. 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</li> <li>3. Optimization of Various Design Parameters for EN45A Flat Leaf Springs”, Materials Today: Proceedings, Vol.4, Issue 2, pp: 1829-1836, 2017, ISSN: 2214-7853, Elsevier Publishers</li> </ol>
9	Dr. Rajesh Kumar Attri	<ol style="list-style-type: none"> <li>1. Rajesh Attri and Sandeep Grover, (2017), “Analysis of quality enabled factors of production planning system stage of production system life cycle using interpretive structural modelling approach”, International Journal of Productivity and Quality Management, 22(1), 22-41.</li> <li>2. Rajesh Attri, (2017), “Interpretive Structural Modeling (ISM): A comprehensive literature review on applications”, International Journal of Six Sigma and Competitive Advantage, 10(3/4), 258-331.</li> <li>3. Sandeep Kumar Vashisht and Rajesh Attri, (2017), “A comprehensive literature review on the six sigma initiatives”, International Journal for Advance Research in Engineering and Technology, 5(9), 1-3.</li> <li>4. Reshu Sharma, Rajesh Attri and Sandeep Grover, (2017), “ISO 14001 practices in Indian Manufacturing Organizations: A Review”, International Journal of Enhanced Research in Management &amp; Computer Applications, 6(12), 12-14.</li> <li>5. Nikhil Dev and Rajesh Attri, (2017), “Evaluation of gas turbine power plant efficiency using graph theoretic approach”, International Journal of Systems Assurance Engineering and</li> </ol>



		Management, 8(Supp. 2), 676-689.
		6. Rajesh Attri and Sandeep Grover, (2018), “Analysis of work-system design stage of production system life cycle using integrated ISM-MIMBI analysis”, International Journal of Operational Research, 31(1), 24-48.
		7. 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.
		8. Rahul, Sanjeev Kumar and Rajesh Attri, (2018), “Flexible Manufacturing System: A Review”, International Journal of Engineering Technology Science and Research, 5(4), 752-757.
		9. 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.
10.	Mr. Sanjay Kumar	1. Effect of Hybrid wire EDM conditions on generation of residual stresses in machining of HCHCr D2 Tool steel under ultrasonic vibration, R S. 2018, Int. J. Interact. Des. Manuf. DOI 10.1007/s12008-018-0474-8
		2. Experimental investigation of surface roughness of cryogenic treatment of aisi d2 tool steel under wire edm. International Journal of Management, Technology And Engineering ISSN NO : 2249-7455, Volume 8, Issue V, MAY/2018, Page No: 252-259
		3. Experimental investigation of erosion rate of cryogenic treatment of aisi d2 tool steel under wire edm. , International Journal of Management, Technology And Engineering ISSN NO : 2249-7455 Volume 8, Issue V, MAY/2018, Page No: 461-469
11.	Dr. Mahesh chand	1. (2018), ANP-MOORA based approach for analysis of select issues of green supply chain management (GSCM), Benchmarking: An international Journal, Emerald Vol. 25, No. 2, pp. 642-659. (E-SCI).
		2. (2017) ‘Analysing the interaction of operational issues in sustainable supply chain: A framework, International Journal of Services and Operations Management, Inderscience (in press).
		3. (2018), Analysis of flexibility factors in Sustainable Supply Chain using Total Interpretive Structural Modeling (T-ISM) Technique, Uncertain Supply Chain management, Growing science, Vol. 6, No.1 pp. 1-12.
		4. (2017) Select the best supply chain by risk analysis for Indian industries environment using MCDM approaches, Benchmarking: An international Journal, Emerald Vol. 24, No. 5, pp.1400-1413. (E-SCI)
12.	Dr. O.P. Mishra,	1. (2017), “Exploring performance of JIT supply chain in context of Indian industries”, Int. J. Advanced Operations Management, Vol. 8, No. 4, pp 323-346.
		2. Mishra, O.P., Kumar, V. and Garg, D. (2018),” Performance evaluation of JIT enabled SCM using ANP method”, Int J Syst



		Assur Eng Manag, Vol 9, No. 2 pp 547-558
		3. Manoj Kumar, Krishan Kumar & O P Mishra, “CAD Modeling of Solar Vehicle Structure”, International Journal of Management, Technology and Engineering, Volume 8, Issue V, pp 346-354, 2018, ISSN NO : 2249-7455.
		4. 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.
13	Dr. Bhupender singh	<p>1 An Empirical Study of Benchmarking Evaluation using MCDM in Service Industries, Managerial Auditing Journal, Vol. 32, No. 2, , pp.111 –147, 2017</p> <p>2. Application of MOORA method for Benchmarking decision in the Industries, International Journal of Advanced Operations Management, Vol. 9, No.2, pp. 88 – 105, 2017</p> <p>3 Study on performance measurement of the indian automobile service sector, International Educational and Research Journal Vol.3, No.5, pp. 479-480, 2017.</p> <p>4. Effect of Process Parameters of Wedm on Surface Roughness and Material Removal Rate For Alloy Material (Al6101-T6) Using Taguchi Method, International Educational and Research Journal, Vol.3, No.5, pp. 477-478, 2017.</p> <p>5. A benchmarking model for Indian service industries using MICMAC and WISM approach, International Journal of System Assurance Engineering and Management, Vol. 8, No. 2, pp 1266–1281, 2017.</p> <p>6. Effect of electrical process parameters of Electric Discharge Machine (EDM) on surface roughness and material removal rate for En 8 alloy steel, International Educational and Research Journal Vol. 3, No. 6, pp.146-148, 2017.</p> <p>7. Evaluation of benchmarking attribute for service quality using multi attitude decision making approach, International Journal of System Assurance Engineering and Management, Vol. 8, No. 2, pp 617–630, 2017</p> <p>8. Analysis of interaction among the barriers to 5S implementation using interpretive structural modeling approach, Benchmarking: An International Journal, Vol. 24, No.7, pp.1834-1853, 2017</p>

**PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES**

Sr. No.	Name of Faculty	Authors, Title, Conference, Dates, year, Pages
1.	Dr. Arvind Gupta	1. Arvind Gupta, Environmental Economics and Sustainability. National Conference on Energy & Sustainability: Sources, Expectations & Uncertainties at Agarwal College Bhallabgarh. 9-10 March 2018.
		2 Arvind Gupta, The Potential of brake Energy regeneration in



		Delhi, National Conference on National Mobility Mission 2020 at Engineering Bhawan, Institute of Engineering, New Delhi, 19-20 January, 2018.
		3 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	1. “Development of methodology for thermal system performance analysis using GTA” at NFEEES 2018 conducted at Arya college of engineering and IT on 17.02.18.
		2. “Analysis of challenges of entrepreneurship- A GTA approach” at national conference on intellectual property and entrepreneurship (NCIPE-2018) at IIT Roorkee 19 March,2018.
2..	Dr. Shefali Trivedi	1. Mechanical Properties and Formability of Fe-P Alloys Processed Through Powder Metallurgical Technique, International conference (ICAPIE, 2017), 6-7 Oct. 2017, DTU, Delhi.
3.	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.
4	Dr. Sanjeev Goyal	1. SanjeevGoyal, Kiatikun Louis Luangkesorn, Sandeep Grover, “Early Forecasting of Flood Response Requirements for American Red Cross Mass Care Services” Informs meeting, Houston, 22 -25 Oct, 2017, page 0412.
5	Dr Sanjeev Kumar	1. Friction stir welding process variables and developments: A Review National Conference On Innovative Concepts In Mechanical Engineering Ajay Kmar Garg Engineering College, Ghaziabad, 22-23 September, 2017 2. Fabrication of Electromagnetic Regenerative Shock Absorber, International Conference on “Technology & Trust (ICTT’17)” organised by Greater Noida Institute of Technology, Greater Noida held on 28 and 29 December 2017. pp. 216-219 3. Review on Joint Properties and metallurgical Analysis of Friction Stir spot welding joints, pp. 245-251International Conference on “Technology & Trust (ICTT’17)” organised by Greater Noida Institute of Technology, Greater Noida held on 28 and 29 December 2017.

#### WORKSHOP/STC/INVITED TALKS/OTHER ACTIVITIES CONDUCTED



S.No.	Name of Activity	Title	Dates
1	Two days workshop by Pratt & Whitney	Aircraft Engine Operation and Maintenance	21-22 /08/2017
2	Expert lecture	Robotics	13 /09/2017
3	one day workshop	VLSI	15 /09/2017
4	Workshop	Entrepreneurship Awareness	9-11 /10/2017
5	Two weeks FDP	Entrepreneurship	7-20 /12/2017
6	Two days Workshop	MIG/MAG welding by IWS	19-20 /01/2018
7	Industrial training	Pratt- Whitney commercial engines	1-5 /01 /2018
8	Industrial visit	Industry M/S GN Pranav Vikash	24 /01/ 2018
9	YMCA UST	official visit to AKGEC	01 /01/ 2018
10	Industrial visits by students (39)	Bony Polymers PVT. LT., FBD	11/10/2017
11	Industrial visits by students (34)	Classic automation FBD	22/3/018
12	Industrial visits by students (15)	Super auto I Limited	7/11/2017
13	Three days workshop	VLSI	28-30 /08/2018

**STC/FDP/WORKSHOP/ SYMPOSIA ATTENDED**

S.No.	Name of Faculty	Name of STC/ FDP	Organized by	Date	
				From	To
1.	Dr. Tilak Raj	Performance mgmt,monotoring and evaluation for organizational Excellence	National Productivity Council	24-06-18	28 -06-18
2.	Dr. Raj Kumar	Intermatial Conference On Multidisciplinary Reseach,	A.P Goyal University ,	23-02-18	24 -02-2018



		Practices & Studies	Shimla		
3.	Dr. Arvind Gupta	Danforse 360 insight	Denfurse Chennai	21-07-2017	22-07-2017
4.	Dr. Sanjeev Kumar	1.Recent Development in Application Based Technology in Engg. 2. Interstitial Workshop On Sustainable Energy Power & Propulsion	1.YMCAUST 2.NIT Kurushetra	1. 30-11-17 – 2017 2. 18-03-18	6-12-17, 22-03-18
5.	Sh. Naresh Yadav	Aircraft Engine Operator & Maintaince	Pratt and Whitney Training Institute Hyderabad	01-01-18	05-01-18
6.	Sh. Mukesh Gupta	Internation Conference On Math Disciplinary Reseaech Practices & Studies (ICMRPS-2018)	A.P Goyal University Shimla	23- 02-2018	24 -02-2018
7.	Smt. P.N Sandhya Dixit	1. FDP on Entreprenurship Development 2. FDP on Soft Skill Development	1. YMCAUST Faridabad 2. IIT Roorkee	1. 07.12.2017 2. 25.06.2018	20.12.2017 29.06.2018
8.	Dr. Rajeev Saha	1. Aircraft Engine Operator & Maintaince 2.Recent Development in Application Board Tech Opening	1. Pratt & Whitney Training Institute, Hyderabad. 2. EE Department YMCAUST,FBD	1. 01/01/2018 2. 30/11/2017	05/01/2018 06/11/2017
9.	Dr. Nikhil Dev	1. Aircraft Engine Operation & Maintaince 2. 5th International Conference 3. Workshop to Prepare Course Material	1. pratt & Whitney Training Institute Hyderabad 2. ACEIT, Jaipur 3. NITTTR Gra	1. 01/01/2018 2. 17/02/2018 3. 19/03/2018	05/01/2018 18/02/2018 23/03/2018
10.	Dr. Rajesh Kumar Attri	Prepare to Course Material, Workshop	NITTTR Goa	19/03/2018	23/03/2018
11.	Dr. Krishan Kumar	Aircraft Engine Operator & Maintaince	Pratt and Whitney Training Institute	01/01/2018	05/01/2018



		Academic Leadership	Hyderabad NITTTR Bhopal	02/07/2018	06/07/2018
12.	Dr. Mahesh Chand	Academic Leadership	NITTTR Bhopal	02/07/2018	06/07/2018
13.	Dr. O.P Mishra	Aircraft Engine Operator & Maintainece  Academic Leadership	Pratt and Whitney Training Institute Hyderabad  NITTTR Bhopal	01/01/2018  02/07/2018	05/01/2018  06/07/2018
14.	Sh. Surender Singh	Academic Leadership	NITTTR Bhopal	02/07/2018	06/07/2018
15.	Dr. Shefali Trivedi	Recent Development In Application Based Technology In Enggineering	EE Deptt. YMCAUST	30-11-2017	6-11-2017
16.	Sh. Sanjay Kumar	Academic Leadership	NITTTR Bhopal	02/07/2018	06/07/2018
17.	Sh. Nitin Panwar	Workshop to Prepare course material	NITTTR Goa (Working)	1/03/2018-	23/03/2018
18.	Dr Sanjeev Kumar	1. One week TEQIP FDP on Outcome Based Education: Teaching, Learning & Evaluation 2. International Workshop On Sustainable Energy Power & Propulsion 3. Recent Development in Application Based Technology in Engg.	ABES Engineering College Ghaziabad NIT Kurukshetra  YMCAUST Faridabad	18 June 2018  18 March 2018  Nov 30, 2017	22 June 2018  22 March 2018  Dec 6, 2017

**INVITED TALKS/LECTURES DELIVERED**

S. No.	Name of Faculty	Topic of delivery	Venue	Date
1	Dr. M.L. Agarwal	Expert Lecture- Entrepreneurship: An effective tool to improve Industry-Institute Interaction	YMCAUST Faridabad	15-12-2017



		Invited talk: Low Cost Solar Power Utility for Poor Person	Aggarwal College Ballabgarh, Haryana	9-3-2018
		Expert Lecture-Advances in Materials	GEC Raipur	23-05-2018
		Expert Lecture: Mechatronics with MATLAB	GPW Faridabad	29.8.2018
2.	Sandeep Grover	Workshop on “Outcome Based Education (OBE)”	GJUST Hisar	21 <sup>st</sup> July 2017
		NBA Lecture.	Govt Polytechnic, Jhajjar	28 <sup>th</sup> Oct 2017
		Valedictory Address – AICTE sponsored 2 week FDP on Waste Management using Additive Manufacturing	GNDCE, Ludhiana	23 <sup>rd</sup> Dec 2017
		AICTE sponsored seminar on MCDM approach	GNDCE, Ludhiana	23 <sup>rd</sup> Dec 2017
		Lecture to faculty on PG related accreditation.	IST, JNTU, Hyderabad	10 <sup>th</sup> Jan 2018
		State level workshop on Implementation of AICTE Model Curriculum in Engg. Programs	YMCA UST Faridabad	15 <sup>th</sup> Feb. 2018
		Studio lecture – Outcome based education.	NITTTR Chandigarh	7 <sup>th</sup> March, 2018
		NBA Workshop (deputed by NPIU)	SIT, Pithoragarh (Uttarakhand)	17 <sup>th</sup> and 18 <sup>th</sup> March, 2018
		NBA Workshop (deputed by NPIU)	BBEC, Kokrajhar (Assam)	30, 31 March. 2018
		NBA accreditation of PG Egg. Program - An Overview	YMCA UST Faridabad	24 <sup>th</sup> April, 2018
		Outcome based Accreditation for Under-Graduate Engineering Program	YMCA UST Faridabad	3 <sup>rd</sup> May, 2018
		STTP on Quality in Technical Education with	Ambedkar Institute of Advanced Communication	12 <sup>th</sup> June 2018



		NBA (11-15 June 2018).	Technologies & Research, Delhi	
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-II, Greater Noida 201306	11 <sup>th</sup> June 2018
5	Dr Sanjeev Kumar	Advanced Manufacturing Techniques	International Conference on “Technology & Trust (ICTT’17)” organised. GNIOT, Greater Noida	29 Dec. 2017
		Guest lecture on Hybrid Machining”	GNIOT, Greater Noida	21/10/2017
		Guest lecture on Hybrid Manufacturing	LNCT Bhopal	20/01/2018
		Reliability Centered Maintenance”	RPIT Karnal	12/3/2018
		Guest lecture on Reliability Centered Maintenance	LNCT Bhopal	12/5/218

**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 <sup>th</sup> – 13 <sup>th</sup> 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.
4	Dr. Vasdev Malhotra	1. Member, ISTE
		2. Fellow Institution of Engineers
		3. Membership of International Association of Computer Science and Information Technology, (IACSIT), 9, Jurong 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
	Dr.KrishanVerma	1. Life Member, ISTE Delhi



7		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, IIE

**LIST OF PHD COMPLETED**

S. No.	Name of Faculty	Topic	Awarding Year	Institution
1.	Dr. Mukesh Gupta	Optimization of Coal Based Thermal Power Plant Using Thermo economic Technique	2017	YMCA UST

**GATE/ CAT/ OTHER EXAM QUALIFIED STUDENTS 2017-2018**

S. No.	Name of Exam	Year	Count of Qualified Students
1	GATE	2017-18	50
2	CAT	2017-18	01

**OUTSTANDING ACHIEVEMENTS 2017-2018**

**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	B.Tech Final year Students Archit, M- 1667-2k13, Ajay, 1656, Amit	Danfoss Industries (P) Ltd. They were given IDanfoss Innovator



Refrigerator”	Singh, 1661, Amit Kumar,1659, Ankush Kashyap, 1664, Gurveer Singh, 1680, Akash Aggarwal, M-1651-2k13	award and Rs. 75000/- in cash.
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**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	Major projects (Project on skill and personality development centre for SC/ST students	AICTE	3 years	2017	22 Lakhs
2	Dr. Vasdev Malhotra	Minor Projects EAC Program under DST Programme	DST	1 year	2018	2 Lakhs
3	Dr. Vasdev Malhotra	Minor Projects FDP Program under DST Project	DST	1 year	2018	2.7 Lakhs
4	Dr. Vasdev Malhotra	Industry sponsored Projects: (RVM SOFT CAD: Training on Tool Design)	Industry	6 months	2018	50,000/-



## LIST OF RESEARCH PROPOSALS GRANTED BY UNIVERSITY

S.No.	Name of Principal Investigator	Department	Title of Project	Regular under SFS/ Budgeted	Amount 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



**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

<b>UG Course:</b>	B. Tech. (Electronics Instrumentation) & B.Tech (Electronics Communication Engineering)
<b>PG Course:</b>	M. Tech. (VLSI Design) M.Tech (Electronics Instrumentation) & M.Tech (Electronics Communication Engineering)
<b>Ph.D. :</b>	Electronics Engineering
<b>Target Students:</b>	
<b>Total Number of Faculty:</b>	<b>29</b> (02 Professor + 01 Visiting Prof. + 02 Associate Prof. + 24 Assistant Prof.)
<b>Number of Ph.D.'s:</b>	09
<b>Average Experience of faculty:</b>	16 years. (approx.)
<b>Chairperson:</b>	<b>Dr. MunishVashishath</b>

### DEPARTMENTAL FACILITIES

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1.	Labs	11
2.	Workshops	6
3.	Lecture Halls	8
4.	Conference Room	1
5.	Seminar Halls/Projector Rooms/Research Lab	3
6.	Internet Connection	1(2Mbps)
7.	Any Other Facility	-



## FACULTY PROFILE

Sr. No.	Name	Designation	Highest Qualification	Area of Specialization	Total Experience
1	Dr.S.K. Agarwal	Professor	Ph.D (2009)	Control System	30 years
2	Dr.MunishVashishath	Professor & Chairperson	Ph.D (2010)	Semiconductor Devices	14 years
3	Dr.Neelam Turk	Associate Professor	Ph.D (2011)	Signal Processing	10 years
4	Dr.Pradeep Kumar	Associate Professor	Ph.D (2013)	Embedded System	24 years
5	Ms.ArchanaAggarwa-II	Associate Professor	M.Tech (1996)	Control System	10 years
6	Mr.Dushyant Shukla	Assistant Professor	M.Tech (2004)	Signal Processing	12 years
7	Ms.ArchanaAggarwal-I	Assistant Professor	M.Tech (1996)	Communication Engineering	12 years
8	Mr. Bharat Bhushan	Assistant Professor	M.Tech (2012)	Communication Engineering	12 years
9	Ms.Sangeeta	Assistant Professor	M.Tech (2015)	Embedded System	12 years
10	Dr.Shailender Gupta	Assistant Professor	Ph.D (2012)	Image Processing &Networking	12 years
11	Ms.Neetu Gupta	Assistant Professor	M.Tech (2007)	Communication system, Image Processing	12 years
12	Dr.Sheilza	Assistant Professor	Ph.D (2014)	Control System	12 years
13	Dr .PreetKaur	Assistant Professor	Ph.D(2017)	Antenna & Microwave Engineering	10 years
14	Balkrishan	Assistant Professor	M.Tech. (2009)	Nanoelectronics	17 years



15	Mr.LalitRai	Assistant Professor	M.Tech (2008)	Control & Instrumentation	9 years
16	Ms.NitinSachdeva	Assistant Professor	M.Tech (2005)	VLSI Design	13 years
17	Ms.Priyanka	Assistant Professor	M.Tech (2008)	ECE	12 years
18	Mr.VinodRathor	Assistant Professor	M.Tech (2012)	ECE	11 years
19	Mr.PrashantKumar	Assistant Professor	M.Tech (2008)	VLSI Design	10 years
20	Ms.SonamKhhera	Assistant Professor	M.Tech (2007)	Wireless Sensor Network	10 years
21	Ms.RashmiChawla	Assistant Professor	M.Tech (2010)	VLSI Design	10 year
22	Ms.GunjanSardana	Assistant Professor	M.Tech (2008)	Digital Signal Processing	12 years
23	Ms. KalpanaSheokand	Assistant Professor	M.Tech (2009)	Signal Processing	9 years
24	Mr. SunilJadav	Assistant Professor	M.Tech(2010)	VLSI Design	12 years
25	Ms.ManjuKumari	Assistant Professor	M.Tech (2011)	Image Processing &Networking	7 years
26	Ms. NishaYadav	Assistant Professor	M.Tech (2014)	VLSI Design	4 years
27	Mr. KamalDeep SinghMalik	Assistant Professor	M.Tech (2016)	Analog VLSI Design	1.5 years
28	Ms. NishaGoyal	Assistant Professor	M.Tech (2012)	VLSI Design	6 years



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

Sr. No.	Particular	Count
1	Publications in International Journals	42
2	Publications in National Journals	0
3	Publications in International Conferences	4
4	Publications in National conferences	2
5	STC/FDP	41

**PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL JOURNALS**

S. No.	Name of Faculty	Title, Journal, Vol, Issue, Pages, Year
1	Dr.S.K. Agarwal	<ol style="list-style-type: none"> <li>"Investigate sub-threshold performance measures of cylindrical Gate All Around MOSFET at sub-nanometer regime" Journal on Embedded systems", pp-1-5, 2017</li> <li>Investigation and dependency analysis of silicon film thickness on performance of Surrounding Gate MOSFET at sub-threshold regime" , Journal of VLSI Design Tools &amp; Technology", Volume 8, No.2 , pp49-54, 2018</li> </ol>
2	Dr.MunishVashishath	<ol style="list-style-type: none"> <li>"Role of linguistic quantifier and digitally approximated Laplace operator in infrared based ship detection" published in International Journal of System Assurance Engineering and Management, (Springer), Vol. 8 (Suppl. 2),PP: S1336– S1342, ISSN: 0975-6809, October, 2017.</li> <li>"De-noising Infrared Image Using OWA Based Filter" published in International Journal of Computer and Information Engg. (WASET), Vol:11, No:4,page no. 487-492, ISSN no. 1307-6892, August 2017.</li> <li>"Application of 'Most' Fuzzy Linguistic Quantifier to Filter Impulse Noise" published in International Journal of Information Technology (Springer),vol.1,pp1-8,ISSN No. 2511-2104, April,2018.</li> <li>"Tracking of Ship by using Ordered Weighted Averaging Method" published in International Journal of Electronics Engineering, Vol.9, No.1,pp:150-154,ISSN: 0973-7383, July 2017</li> </ol>



3	Dr.Neelam Turk	<ol style="list-style-type: none"> <li>1. "Enhancing Network Coverage using Handoff Techniques in Mobile Wireless Sensor Networks" published in International Journal of Future Generation Communication &amp; Networking (IJFGCN) under SERSC Australia.Vol. 10, No. 10,pp.23-32,ISSN 2233-7857, October,2017.</li> <li>2. "Behaviour Analysis of Induction Motor Under Various Fault Conditions of Rotor bar at Different Loading" published in International Journal of Computer Sciences and Engineering,Vol.6, No. 2,pp.18-24,ISSN: 2347-2693, Februry,2018</li> </ol>
4	Ms.Sangeeta	<ol style="list-style-type: none"> <li>1. "Performance Comparison of Steganography Techniques" published in International Journal of Computer Network and Information Security, pp: 37-46,ISSN:2074-9104,September 2018.</li> <li>2. "Improved hybrid watermarking Technique" published in IJARSE,pp: 6-13, ISSN(O): 2319-8354,April 2018.</li> <li>3. "Performance Evaluation of Spatial and Frequency Domain Techniques under Various Attacks"published in International Journal of Signal Processing, Image Processing and Pattern Recognition, pp:1-22,ISSN:2207-970X, January 2018.</li> <li>4. "Analysis of Fog Removal Techniques" published in IJFRCSE, pp:299 – 304,ISSN:2454-4248, march 2018</li> <li>5. "Publicly verifiable watermarking scheme for intellectual property protection using quantum Chaos and bit plane complexity slicing" published in multimedia tools and applications, pp:1-26,ISSN:1573-7721,june 2018</li> <li>6. "A Novel Hybrid Contrast Enhancement Technique" published in 3D Display Research,pp:1-13,ISSN:2092-6731,June 2018</li> </ol>
5	Dr.Shailender Gupta	<ol style="list-style-type: none"> <li>1. "A Hybrid Defogging Technique Based On Anisotropic Diffusion And IDCP Using Guided Filter" published in International Journal of Signal Processing, Image Processing and Pattern Recognition, vol.8, pp:123-140, 2015.</li> <li>2. "An innovative image encryption scheme based on chaotic map and Vigenèrescheme",Multimedia Tools and Applications,vol.76,ISSN:16529-16562, 2017.</li> <li>3. "A novel hybrid security mechanism for data communication networks" published in Multimedia Tools and Applications,vol.76,ISSN:24063-24090, 2017.</li> <li>4. "A novel routing strategy for cognitive radio ad hoc network based on Sugeno fuzzy logic" published in International Journal of Fuzzy Computation and Modelling,vol.2,pp:87-115,2017</li> <li>5. "A Survey of Image Encryption Algorithms" published in 3D Research8,vol.37,2017.</li> <li>6. "A Fuzzy Logic based Efficient Routing Strategy for Ad hoc Cognitive Radio Network" published in INTERNATIONAL JOURNAL OF FUTURE GENERATION COMMUNICATION AND NETWORKING,10,2017</li> <li>7. "An efficient hybrid security mechanism based on chaos and improved BPCS"published in Multimedia Tools and Applications, vol. 77,ISSN: 6799-6835,2018.</li> <li>8. "A Novel Image Encryption Scheme Based on Intertwining Chaotic Maps and RC4 Stream Cipher" published in 3D</li> </ol>



		<p>Research, vol.9, no.10, 2018.</p> <p>9. “Publicly verifiable watermarking scheme for intellectual property protection using quantum Chaos and bit plane complexity slicing”, Multimedia Tools and Applications, 2018</p> <p>10. “A Novel Hybrid Contrast Enhancement Technique” published in 3D Research, vol.9, no.26, 2018</p>
6	Dr. Sheilza	1. “Steam Temperature Control of a Boiler using Neural Network based By Simulation under MATLAB Simulink” published in International research journal of Management Science and Technology, vol.8, pp:170-175, December 2017
7	Mr. BalKrishan	<p>1. “DC-DC converter for energy harvesting applications” published in International journal of control and automation, vol. 11, ISSN: 2005-4297, January 2018.</p> <p>2. “Comparative Analysis of Combinational Circuit Using Reversible Logic Based Techniques” published in Journal of VLSI Design Tools &amp; Technology, vol.8, pp:30-33, ISSN:2321-6492, April 2018.</p> <p>3. “Analysis and Design of Decoder Using Different Adiabatic Technique” published in Journal of Electronic Design Technology, vol.9, pp:24-29, ISSN:2321-4228, April 2018</p>
8	Ms. Nitin Sachdeva	1. “Effect of Various Parameters on Threshold Voltage of Virtually Fabricated Lightly Doped PMOS Device” published in Journal of VLSI Design Tools & Technology, STM Journals, pp: 13-20, ISSN:2321-6492, June, 2017
9	Dr. Preet Kaur	1. A Review on Chiral Metamaterials and its Applications in Antennas published in Journal of Microwave Engineering and Technologies, pp 5-16, 2018, ISSN: 2349-9001
1	Mr. Prashant Kumar	<p>1. “Comparative Analysis of FD-DMDG SON MOSFET over FD DMDG SOI MOSFET” published in Journal of Electronic Design Technology, pp:9-16, ISSN:2229-6980, March 2018.</p> <p>2. “Study of Scaling of MOSFET on Various Electrical Characteristics using Silvaco TCAD Tool” published in Journal of Semiconductor Devices and Circuits, pp:11-19, ISSN: 2455-3379, April 2018.</p> <p>3. “Design and Analysis of 90nm nMOSFET for Lower Leakage” published in International Journal of Advances in Arts, Sciences and Engineering (IJOAASE), pp:1-5, ISSN:2320-6144, May 2018.</p>
1	Ms. Sonam Khera	<p>1. “Enhancing Network Coverage using Handoff Techniques in Mobile Wireless Sensor Networks” published in SERSC, 2017</p> <p>2. “Energy Harvesting Aspects of Wireless Sensor Networks :A Review” published in IJIRTCC, vol.5, pp: 875-878, ISSN:2322-8169, May 2017</p> <p>3. “A Practical Approach to Energy Consumption in Wireless Sensor Networks” published in IJAIP, Inder Science, 2017</p>
1	Ms. Rashmi Chawla	<p>1. “A Mamdani Fuzzy Logic System to Enhance Solar Cell Micro-Cracks Image Processing” published in 3D Research (Multimedia), vol.9, 343, July, 2018.</p> <p>2. “Design and modelling of G-ZnO nanocomposite electrode for a-Si: H/<math>\mu</math>c-Si: H micromorph solar cell” published in IIIT, pp:11-</p>



		13,ISSN: 2511-2104, September,2017 3. “Performance comparison of Si and InGaN p-n junction Solar Cell” , International Journal of Scientific and Engineering Research,vol:8, pp:176-181,ISSN 2229-5518,March,2017
1	Ms.Gunjan Sardana	1. “Detection of Stator winding faults using Finite Element Analysis(FEA) in BLDC Motors” published in IRJRR, vol.6,2234-9965, MARCH,2018 2. “Healthy BLDC Motor simulation using Finite Element analysis” published in IJAERD,vol.4,10,pp:2348-4470,OCTOBER,2017
1	Ms.Kalpana Sheokand	1. “The effectual review on fault detection and classification in Induction Motor” published in International Refereed Journal of Reviews and Research,vol.6,pp:41-49,no.2, March,2018.

#### PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES

S. No.	Name of Faculty	Authors, Title, Conference, Dates, year, Pages
1.	Dr.Munish Vashishath	1. “Estimation of Global Threshold of Infrared Image By Using Fuzzy Granule”,ICIC Express Letters Part B: Applications 2017 An International Journal of Research and Surveys,Vol. 8, No. 10,PP:1401-1407,ISSN: 2185-2766,October, 2017 2. “Threshold Based Ship Tracking with Fuzzy Linguistic Quantifier”,Proceedings of the 11th INDIACom; INDIACom2017; IEEE Conference ID: 40353 2017 4th International Conference on “Computing for Sustainable Global Development,VOL.1,pp: 6105-6108,ISSN: 0973-7529,March 2017.
2.	Mr. Bharat Bhushan	1. “An In Depth Analysis of Contrast Enhancement Schemes” International Conference on Computing for Sustainable Global Development 2018,0973-7529,March 2018
3.	Ms.Sangeeta	2. “An Improved Hybrid Mechanism for secure data comm.” INDIACom-2017; IEEE Conference ID: 40353,INDIACOM-2017,pp:2954-2962,ISSN: 0973-7529,march 2017
4.	Mr.Bal Krishan	1. “A Comparative Study of CNFET and Conventional MOSFET National Conference on “Design & Innovation” organized by Dialogue India held at IIT, Delhi, pp: 44-47,819070985-2,June 2017. 2. “Design and implementation of low power SRAM cell using self-controllable voltage level” 3rd International Conference on Emerging Trends in Engineering, Technology, Science and management IETE New Delhi,ISBN : 978-93-86171-48-1,June 2017
5.	Ms. Sonam Khera	1. A Comparative Study of Simulation Tools for Wireless Sensor Networks”NHTSEE, March 2017



## STC/FDP/WORKSHOP/ SYMPOSIA ATTENDED

Sr.No.	Name of Faculty	Name of STC/ FDP	Organized by	Date	
				From	To
1.	Dr. Munish Vashishath	One Day Training Programme on TEQIP-III MIS	Veer mata Jijabai Technological Institute Mumbai	26-06-2018	26-06-2018
		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	Real time data acquisition and analysis using LabView	YMCAUST ,FARIDABAD	08-05-2017	12-05-2017
		Recent developments in application based technology in Engineering	YMCAUST, FARIDABAD	30-11-2017	06-12-2017
3.	Ms. Archana Aggarwal	Selected topics in Control Theory- Fundamentals, Advances and Future Directions	conducted by Electronics & ICT Acedemy ,MNIT Jaipur	09-08-2018	13-08-2018
		Climate Change and Sustainable Infrastructure Development	HAS Department, YMCAUST Faridabad	04-06-2018	09-06-2018
4.	Mr. Bharat Bhushan	Real Time Data Acquisition and Analysis uisng LabView	YMCA University	08-05-2017	12-05-2017
5.	Ms. Sangeeta	Life Skills Development	NITTTR,, CHANDIGARH	09-07-2018	13-07-2018
		STUDENT INDUCTION PROGRAM	AICTE, NEW DELHI	06-07-2018	08-07-2018
6.	Dr. Sheilza	Life Skills Development	YMCA UST Faridabad	09-07-2018	13-07-2018



		Climate change and sustainable infrastructure Development	YMCA UST Faridabad	04-06-2018	09-06-2018
		Recent development in application based technologies in engineering	YMCA UST Faridabad	30-11-2017	06-12-2017
7.	Dr. Preet Kaur	Recent Development in application based technologies in engineering	YMCAUST, Faridabad	30-11-2017	06-12-2017
		Real time data acquisition and analysis using LABVIEW	YMCAUST, Faridabad	08-05-2017	12-05-2017
8.	Mr. Bal Krishan	Recent development in application based technologies in engineering	YMCAUST, Faridabad	30-11-2017	06-12-2017
		Real time data acquisition and analysis using lab view	YMCAUST, Faridabad	08-05-2017	12-05-2017
9.	Mr. Lalit Rai	Climate Change and Sustainable Infrastructure Development	National Institute of Teachers Training and Research, Chandigarh	04-06-2018	08-06-2018
10.	Ms. Nitin Sachdeva	Real Time Data Acquisition And Analysis Using Lab View	YMCAUST, Faridabad	08-05-2017	12-05-2017
		Climate Change and Sustainable Infrastructure Development	YMCAUST, Faridabad	04-06-2018	09-06-2018
11.	Mr. Prashant Kumar	NBA and NAAC Accreditation	ESCI, HYDERABAD	18-07-2018	22-07-2018



		IC Fabrication Technology and MEMS	CEERI PILANI	08-08-2018	14-08-2018
		Life Skill Development	YMCA Faridabad and NITTTR Chandigarh	09-07-2018	13-07-2018
12.	Ms. Rashmi Chawla	Life Skill Development	YMCAUST	09-07-2018	13-07-2018
13.	Ms. Gunjan Sardana	Climate change & sustainable infrastructure development	YMCAUST	04-06-2018	09-06-2018
		Outcome based accreditation for the undergraduate Engineering Program	YMCAUST	02-05-2018	03-05-2018
14.	Ms. Kalpana Sheokand	FDP on "Real Time Data Acquisition and Analysis using Lab VIEW"	YMCAUST	05-08-2017	05-12-2017
		FDP on " Recent Developments in Application based Technologies in Engineering"	Sponsored by TEQIP III at YMCAUST, Faridabad	30-11-2017	06-12-2017
15.	Mr. Sunil Jadav	Semiconductor Device Fabrication	CEERI-PILANI	08-08-2018	14-08-2018
		Climate Change and Sustainable Infrastructure Development	YMCAUST(NIT TTR Chd)	04-06-2018	09-06-2018
16.	Ms. Manju Kumari	Workshop on System Design Using IOT 2018	YMCA University of Science and Technology, Faridabad	06-03-2018	08-03-2018



		Recent Development in Application based Technologies in Engineering	YMCA University of Science and Technology, Faridabad	30-11-2017	06-12-2017
		Workshop/Seminar on Women Health Awareness and Depression	YMCA University of Science and Technology, Faridabad	07-04-2017	07-04-2017
		Mainstreaming Gender in Higher Education	Women's studies Research Center, Kurukshetra University, Kurukshetra	13-09-2017	15-09-2017
		Real Time Acquisition and Analysis using Lab VIEW	YMCA UST Faridabad	08-05-2017	12-05-2017
17.	Ms.Nisha Yadav	Life Skills Development	YMCA UST Faridabad	09-07-2018	13-07-2018
		Real Time Data Acquisition and Analysis using LabView	YMCA UST Faridabad	08-05-2017	12-05-2017
18.	Ms.Nisha Goel	Intelligent Management of Renewable Energy Technologies	YMCA UST Faridabad	18-01-2018	23-01-2018
		Recent Developments in Application based Technologies in Engineering	YMCA UST Faridabad	30-11-2017	06-12-2018
		Real Time Data Acquisition and Analysis using Lab VIEW	YMCA UST Faridabad	08-05-2017	12-05-2017



19.	Mr.Kamald eep Singh Malik	Recent Developments in Application based Technologies in Engineering	YMCA UST Faridabad	30-11-2017	06-12-2018
		Real Time Data Acquisition and Analysis using Lab VIEW	YMCA UST Faridabad	08-05-2017	12-05-2017

**WORKSHOP/STC/INVITED TALKS/OTHER ACTIVITIES CONDUCTED**

Sr. No.	Name of Activity	Title	Dates
1	Mrs. Archana Aggarwal-II	Recent Developments in Application based Technologies in Engineering	30.11.17 to 06.12.17
2	Mr. Bharat Bhushan	Developing new parameters of success	15.01.18
3	Mr. Lalit Rai (STC)	Real Time Data Acquisition and Analysis using Lab VIEW	08-05-2017 to 12-05-2017
4	Mrs. Rashmi Chawla	System Design using IoT 2018	06-03-2018 to 08-03-2018

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

Sr. No.	Name of Faculty	Details
	Dr. S.K. Aggarwal	1. Member, ISTE
1	Dr. Munish Vashishath	2. Life Member IE
2	Ms.Archana Aggarwal	3. Member, ISTE
3	Dr.Neelam Turk	1. Life time Member, ISTE



4	Mr. Bharat Bhushan	<ol style="list-style-type: none"> <li>1. Member, ISTE</li> <li>2. Member IEI</li> </ol>
5	Dr.Pradeep Kumar	<ol style="list-style-type: none"> <li>1. Member IEEE</li> <li>2. Member ACM</li> <li>3. Life Member, ISTE</li> <li>4. Life Member IETE</li> <li>5. Life Member IE</li> </ol>
6	Ms. Sangeeta	<ol style="list-style-type: none"> <li>1. Life Member, ISTE</li> <li>2. Associate, IEI</li> </ol>
7	Dr. Shailender Gupta	<ol style="list-style-type: none"> <li>1. Member, ISTE</li> <li>2. Member IEI</li> <li>3. Editorial Member of IJMECS</li> <li>4. Editorial Member of IJCNA</li> <li>5. Editorial Member of IJETER</li> <li>6. Sub editor of YMCA UST journal</li> </ol>
8	Ms.Neetu Gupta	<ol style="list-style-type: none"> <li>1. Member, ISTE</li> </ol>
9	Dr.Sheilza Jain	<ol style="list-style-type: none"> <li>1. Life time Member, ISTE</li> </ol>
10	Dr.PreetKaur	<ol style="list-style-type: none"> <li>1. Member, ISTE</li> </ol>
11	Mr.BalKrishan	<ol style="list-style-type: none"> <li>1. Life Member, ISTE.</li> <li>2. IAENG Membership.</li> <li>3. Membership of the Institution of Engineers (India).</li> </ol>
12	Mr.Lalit Rai	<ol style="list-style-type: none"> <li>1. Member, ISTE</li> <li>2. Member IEI</li> <li>3. LM-IAENG</li> <li>4. Member ISC</li> </ol>
13	Ms.Nitin Sachdeva	<ol style="list-style-type: none"> <li>1. Member, IAENG</li> </ol>
14	Mr.Prashant Kumar	<ol style="list-style-type: none"> <li>1. Sub Editor, YMCAUST IJR</li> </ol>
15	Ms. Sonamkhera	<ol style="list-style-type: none"> <li>1. Member, ISTE</li> </ol>
16	Ms.Rashmi Chawla	<ol style="list-style-type: none"> <li>1. Member, ISTE</li> <li>2. LM-IAENG</li> <li>3. Editorial Board-SRP (Science Review Panel) of FGSI.</li> </ol>
17	Ms.Gunjan Sardana	<ol style="list-style-type: none"> <li>1. Member, ISTE</li> </ol>
18	Ms.KalpanaSheokand	<ol style="list-style-type: none"> <li>1. Member, ISTE</li> </ol>



**LIST OF PH.D. COMPLETED**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Topic</b>	<b>Awarding Year</b>	<b>Institution</b>
1.	Mr. Sunil Jadav	Modeling and Simulation of Low Power VLSI Interconnect	Feb. 2018	YMCAUST



**ELECTRICAL ENGINEERING  
DEPARTMENT**



## 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.

### DEPARTMENT PROFILE

<b>UG Course:</b>	B. Tech. (Electrical Engineering)
<b>PG Course:</b>	M. Tech. (Power Systems)
<b>Ph.D. :</b>	Electrical Engineering
<b>Target Students:</b>	<b>78</b>
<b>Total Number of Faculty:</b>	<b>14</b> (02 Professor + 02 Associate Prof. +10 Assistant Prof.)
<b>Number of Ph.D.'s:</b>	06
<b>Average Experience of faculty:</b>	14 years
<b>Chairperson:</b>	<b>Dr. Rajesh Kr. Ahuja</b>

### DEPARTMENTAL FACILITIES

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1.	Labs	04
2.	Workshops	01
3.	Lecture Halls	04
4.	Conference Room	01 common with Electronics Engg. Dept.
5.	Seminar Halls/Projector Rooms/Research Lab	01
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	-



## FACULTY PROFILE

S. No.	Name	Designation	Highest Qualification with year	Area of Specialization	Total Experience (years)
1	Dr P.R Sharma	Professor	Ph.D (2004)	FACTS Devices	25
2	Dr. Rajesh Ahuja	Professor	Ph.D (2012)	Power Electronics and Drives	21
3	Dr.Anju Gupta	Associate Professor	Ph.D (2014)	Power System Stability and Control System	17
4	Dr.Poonam Singhal	Associate Professor	Ph.D (2015)	FACTS and AI Techniques	27
5	Mr V.K Sharma	Assistant Professor	M.Tech. (1998)	Robotics and control system	20
6	Mr Nitin Goel	Assistant Professor	M.Tech. (2006)	Power System and Machines	12
7	Ms. Shakuntala	Assistant Professor	M.Tech. (2005)	Renewable Energy and Electrical Machines	13
8	Dr. Sakshi	Assistant Professor	Ph.D (2014)	Power Quality and Control System	12
9	Dr. Rashmi Agarwal	Assistant Professor	Ph.D (2013)	Congestion Management	12
10	Ms Anubha Gautam	Assistant Professor	M.Tech. (2007)	Power Electronics	12
11	Ms Shipra Aggarwal	Assistant Professor	M.Tech. (2008)	Power System	9
12	Mr Satvinder Singh	Assistant Professor	M.Tech. (2011)	Power System	6
13	Ms Rachna	Assistant Professor	M.Tech. (2013)	Power System	4
14	Mr Atma Ram	Assistant Professor	M.Tech. (2012)	Power System	6



**DEPARTMENTAL PUBLICATIONS& FDP/STC (01-07-2017 to 30-06-2018)**

Sr. No.	Particular	Count
1	Publications in International Journals	8
2	Publications in National Journals	NIL
3	Publications in International Conferences	3
4	Publications in National conferences	NIL
5	STC/FDP	

**PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL JOURNALS**

**(01-07-2017 to 30-06-2018)**

S. No.	Name of Faculty	Title, Journal, Vol, Issue, Pages, Year
1	Dr. P. R. Sharma/ Dr. Rajesh Kr. Ahuja/ Dr. Atmaram	1. Power Quality Improvement Using Current Source Inverter Based D-STATCOM, International Journal of Electronics, Electrical and Computational System (IJECS). Volume6, Issue 9 ,pp 472-479
2	Dr. Anju Gupta	1. Comparison Of Various Tuning Methods For Pid Controller For A Cstr System, International Journal of Engg Science and Technology, Volume 2, Issue 8 ,ISSN 2348 – 7968. 2. Enhancing Security System using Finger Print based Authentication ,International Journal of Computer Applications ,Volume 166 - Number 3 973-93-80896-33-3
3	Dr. Poonam Singhal	1. .Hybrid T-I-D and Fuzzy Logic Based SVC Controller for Transient Stability Enhancement, Int. Journal of Engineering Research and Application, Vol. 7, Issue 6 , (Part -1)pp.31-36.
4	Ms. Shakuntala	1. Traditional PI and FPIL based VFCU for an Isolated Induction generator, International Journal of Intelligent System and Application, MECS, Vol.9, No.12 2. Analytical and Experimental investigations of shunt capacitor -stimulated Induction Generator (SCSIG), International journal Series in Engineering Science, Vol 4, 3. Optimisation based performance evaluation of 3-phase CEIG feeding 1-phase load for rural sites ,Science Direct Procedia Computer Science.
5	Dr. Sakshi Kalra	1. Simulation of Quadruple Tank process for liquid level control ,International Journal for Research in Applied Science & Engineering Technology VOL 6 287-291, ISBN-2321-9653



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**PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES**

S. No.	Name of Faculty	
1	Dr. Rajesh Kr. Ahuja	1. Power Quality Improvement of PWM Rectifier using VFOC and LCL Filter , IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPSI) Sept-2017
2	Dr. Sakshi Kalra	1. Analysis of Quadruple Tank Process for liquid level control, IEEE Conference , International Conference on Innovative Technologies in Engineering,, 11-13 April 2018

**WORKSHOP/STC/INVITED TALKS/OTHER ACTIVITIES CONDUCTED**

S.No.	Name of Activity	Title	Dates
1	Seminar /Expert Lecture	DC Grid	22 /3/2018
2	Faculty Dvelopment Program	Intelligent Management of Renewable Energy Technologies	18/01/2018 TO 23/01/2018

**SYMPOsia ATTENDED**

S. No.	Name of Faculty	Name of STC/ FDP	Organized by	Date	
				From	To
1	Dr P.R Sharma	Intelligent Management of Renewable Energy Technologies	YMCA University of Science & Technology, Faridabad	18/01/2018	23/01/2018
2	Dr. Rajesh Kr. Ahuja	Intelligent Management of Renewable Energy Technologies	YMCA University of Science & Technology, Faridabad	18/01/2018	23/01/2018



3	Dr. Poonam Singhal	Intelligent Management of Renewable Energy Technologies	YMCA University of Science & Technology, Faridabad	18/01/2018	23/01/2018
4	Dr. Anju Gupta	Intelligent Management of Renewable Energy Technologies	YMCA University of Science & Technology, Faridabad	18/01/2018	23/01/2018
5	Ms. Shakuntala	Intelligent Management of Renewable Energy Technologies	YMCA University of Science & Technology, Faridabad	18/01/2018	23/01/2018
6	Mr.Nitin Goel	Intelligent Management of Renewable Energy Technologies	YMCA University of Science & Technology, Faridabad	18/01/2018	23/01/2018
7	Dr.Sakshi Kalra	Intelligent Management of Renewable Energy Technologies	YMCA University of Science & Technology, Faridabad	18/01/2018	23/01/2018
8.	Dr.Rashmi Aggarwal	Intelligent Management of Renewable Energy Technologies	YMCA University of Science & Technology, Faridabad	18/01/2018	23/01/2018
9.	Ms. Anubha Gautam	Intelligent Management of Renewable Energy Technologies	YMCA University of Science & Technology, Faridabad	18/01/2018	23/01/2018
10	Ms.Shipra	Intelligent Management of Renewable Energy Technologies	YMCA University of Science & Technology, Faridabad	18/01/2018	23/01/2018
11	Mr. Satvinder Singh	Intelligent Management of Renewable Energy Technologies	YMCA University of Science & Technology, Faridabad	18/01/2018	23/01/2018
12.	Mr.Rachna	FDP on Climate change and sustainable infrastructure	Organised by NITTTR, Chandigarh in YMCAUST, Faridabad	4-June-2018	9-june-2018



		development			
		Intelligent Management of Renewable Energy Technologies	YMCA University of Science & Technology, Faridabad	18/01/2018	23/01/2018
13	Mr.Atma Ram	1.FDP on Recent Advances in Distribution system and Management	Kamla Nehru Institute of Technology, Sultanpur	2-April 2018	6-April-2018
		Intelligent Management of Renewable Energy Technologies	YMCA University of Science & Technology, Faridabad	18/01/2018	23/01/2018

**GATE/CAT/ OTHER EXAM QUALIFIED STUDENTS 2017-2018**

Sr. No.	Name of Exam	Year	Count of Qualified Students
1	GATE	2018	30



## **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:** (4 Professor + 1 Associate Prof. + 23 Assistant Prof.)

**Number of Ph.D.'s:** 17

**Average Experience of faculty:** 13 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	3
3.	Lecture Halls	10
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 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	17
2	Dr. Chander Kumar Nagpal	Professor	Ph.D. (2005)	Soft Computing, Automata Theory	30
3	Dr. Naresh Chauhan	Professor	Ph.D.(2008)	Internet & Web Technology, Software Testing	15
4	Dr. Atul Mishra	Professor	Ph.D.(2012)	Object Oriented Designs, Distributed Systems, Cloud Computing, Big Data, Network Management	26
5	Dr. Ashutosh Dixit	Professor	Ph.D (2011)	Internet and Web Technologies	15
6	Dr. Jyoti	Assistant Professor	Ph.D (2012)	Web Mining, OOP, Operating System	15
7	Dr. Harish Kumar	Assistant Professor	Ph.D. (2017)	Software Testing, Project Management & Computer Programming	13
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	14
10	Dr. Sapna Gambhir	Assistant Professor	Ph.D. (2010)	Wireless Networks, Adhoc Social Networks, Online Social Networks	16
11	Dr. Parul Gupta	Assistant Professor	Ph.D (2013)	Information Retrieval	15



12	Ms. Shruti Sharma	Assistant Professor	M.Tech (2006)	Information Retrieval	13
13	Dr. Anuradha	Assistant Prof. CE	Ph.D. (2011)	Web Mining	15
14	Ms. Poonam	Assistant Professor	M.Tech (2007)	Mobile Adhoc Network, Operating system, Algorithm design	11
15	Dr. Deepika	Assistant Professor	Ph.D. (CE)	Internet and Web Technologies	13
16	Dr. Payal Gulati	Assistant Professor	Ph.D. (2013)	Information Retrieval, Web Mining	11
17	Ms. Amita Arora	Assistant Professor	M.Tech.(2008)	Ontology Learning, Natural language Processing	10
18	Dr. Preeti Sethi	Assistant Professor	Ph.D. (2016)	Software Agents, Wireless Sensor Networks	16
19	Ms. Ashlesha Gupta	Assistant Professor	M.E (C.E)	Internet Technologies	13.5
20	Dr. Rashmi Popli	Assistant Professor	Ph.D. (2016)	Software Testing, Computer Security, Agile Software development	13
21	Dr. Sonali Gupta	Assistant Professor	Ph.D. (2016)	Information Retrieval , Web Mining	15
22	Sh. Sushil Kumar	Assistant Professor	M.E(2007)	Information Reterival	15
23	Sh. Umesh Kumar	Assistant Professor	M.Tech (2010)	Wireless Security	8
24	Ms. Ayyu Gupta	Assistant Professor	M.Tech (2015)	Information Reterival	2
25	Ms. Jyotsna Parmar	Assistant Professor	M.Tech (2016)	Information Retrieval	2.5
26	Ms. Alka Chaudhary	Assistant Professor	M.Tech (2006)	Image Processing and NLP	12
27	Ms. Mamta Mahiya	Assistant Professor	M.Tech (2016)	Cloud Computing	2.5



28	Ms. Shikha Gupta	Assistant Professor	M.Tech (2014)	Big Data, Online Marketing	4
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#### DEPARTMENTAL PUBLICATIONS & FDP/STC

Sr. No.	Particular	Count
1	Publications in International Journals	64
2	Publications in National Journals	0
3	Publications in International Conferences	3
4	Publications in National conferences	0
5	STC/FDP	45

#### 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"> <li>1. S. Kumar, K.K. Bhatia, "Document-to-Sentence Level Technique for Novelty Detection", Speech and Language Processing for Human-Machine Communications, pp.15-22, 2018.</li> <li>2. S. Gupta, K.K. Bhatia, "URL-Based Relevance-Ranking Approach to Facilitate Domain-Specific Crawling and Searching", Innovations in Computational Intelligence, pp. 239-250, 2018.</li> <li>3. K.K. Bhatia, A. Dixit, "Automatic Generation of Ontology for Extracting Hidden Web Pages", Big Data Analytics, pp. 127-139, 2018.</li> <li>4. S. Ranjan, K.K. Bhatia, "Design of a Least Cost (LC) Vertical Search Engine based on Domain Specific Hidden Web Crawler", The Dark Web: Breakthroughs in Research and Practice (IGI Global) pp. 319-333, 2018</li> <li>5. S. Bhatia, M. Sharma, K.K. Bhatia, "Opinion Score Mining: An Algorithmic Approach", International Journal of Intelligent Systems and Applications, vol.-9, Issue-11, 2017.</li> </ol>



2	Dr. Chander Kumar Nagpal	<ol style="list-style-type: none"> <li>1. Dr. C.K. Nagpal, Poonam Mittal, Shailender Gupta, Kartikey Garg, “A Fuzzy Logic Based Efficient Routing Strategy for Ad hoc Cognitive Radio Network”, International Journal of Future Generation Communication and Networking, vol. – 10, pp 1-22, ISSN 2233-7857, 2017.</li> <li>2. 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.</li> <li>3. Dr. C.K. Nagpal, Shruti Sharma, Parul Gupta, “A Novel Architecture to Crawl Images Using OAI-PMH”, Advances in Intelligent Systems and Computing, ISSN 2194-5357, 2017.</li> <li>4. Dr. C.K. Nagpal, Komal Rexwal, “Survey Paper on Concept Based Web Search”, International Journal of Management Technology and Engineering, ISSN 2249-7455, 2018.</li> <li>5. Mamta Kathuria, Dr. C.K. Nagpal, Neelam Duhan, Anuradha Singh, “Discovery of Entity Synonyms Using Anchor Text and URLs” , International Journal of Future Generation Communication and Networking, vol-10, pp 19-36, ISSN 2233-7857, 2017</li> <li>6. Mamta Kathuria, Dr. C.K. Nagpal, Neelam Duhan, “A Fuzzy Logic based Synonym Resolution Approach for Automated Information Retrieval”, International Journal of Semantic Web &amp; Information System, vol- 14, ISSN 1552-6283, 2018.</li> </ol>
3	Dr. Atul Mishra	<ol style="list-style-type: none"> <li>1. Dr. Atul Mishra, Shikha Gupta, “Real Time Bidding With Comparative Study of Various User Responses Prediction Models”, International Journal of Advance Research in Science &amp; Engineering, vol.-12, pp 383-391, ISSN 2319-8354, 2018.</li> <li>2. Dr. Atul Mishra, Shikha Gupta, “A Survey on Recommendation System”, International Journal of Advance Research in Science &amp; Engineering, vol.-7, pp. 439-444, ISSN 2319-8354, 2018.</li> </ol>
4	Dr. Naresh Chauhan	<ol style="list-style-type: none"> <li>1. Mr. Vedpal, Naresh Chauhan, “Test Case Prioritization Technique For Object Oriented Software Using Method Complexity”, International Journal of Innovative Computing, Information and Control, vol. 14, pp 341-354, ISSN 1349-4198, 2018.</li> <li>2. Mr. Vedpal, Naresh Chauhan, “A Technique for Regression Testing of Object Oriented Software “, Asian Journal of Computer Science and Technology, vol. 7, pp 87-92, ISSN: 2249-0701, 2018.</li> </ol>



5	Dr. Ashutosh Dixit	<ol style="list-style-type: none"> <li>1. Shilpa Sethi, Dr. Ashutosh Dixit, B. Batra, “Improving Text Summarization method for Summarizing product reviews”, International Journal of Computer Science &amp; Engineering, vol.- 6, pp. 113-118, ISSN 2347-2693, 2018.</li> </ol>
6	Dr. Jyoti	<ol style="list-style-type: none"> <li>1. Dr. Jyoti, Divya , “State of the Art Survey of various User Recommendation Techniques”, International Journal of Advanced Research in Computer Science, ISSN 0976-5697, 2017.</li> </ol>
7	Dr. Parul Tomar	<ol style="list-style-type: none"> <li>1. Dr. Parul Tomar, PHD student, “Vulnerability Analysis of Mobile Agents Praxis in Mobile Ad-Hoc Networks”, International Journal of Computer Applications, vol. 163, pp 58-65, ISSN 0975 – 8887.</li> <li>2. Dr. Parul Tomar, PHD STUDENT, “Security Breaches in Trust Management Schemes in Mobile Ad-hoc Networks”, International Journal of Advanced Research (IJAR), pp 405-412, ISSN 2320-5407.</li> <li>3. Dr. Parul Tomar, M.TECH STUDENT, “ A Study on Detection of Misbehaving Nodes in Ad Hoc Routing”, International Journal of Advanced Research in Computer and Communication Engineering, vol 6, pp 439-442, ISSN 2278-1021.</li> <li>4. Dr. Parul Tomar, PHD STUDENT, “A Novel Longest Distance First Page Replacement Algorithm”, Indian Journal of Science and Technology, vol 10, ISSN 0974-5645.</li> <li>5. Dr. Parul Tomar, PHD STUDENT, “Power Optimized Secure AODV Routing Protocol Based on Mobile Agents”, International Journal of Applied Engineering Research, vol. 12, pp 5884-5983, ISSN 0973-4562, 2017.</li> </ol>
8	Dr. Neelam Duhan	<ol style="list-style-type: none"> <li>1. Dr. Neelam Duhan, Ranjana, A.K. sharma, “Design of Building Automatic Global Concept Indexer for Ontology Alignment” , International Journal of Engineering and Technology (IJET), vol 9, ISSN 0975-4024, 2017.</li> <li>2. Shilpa Sethi, B. Batra, Dr. Neelam Duhan, “Analysis of various sentiment Analysis Techniques” , International Journal of Creative Research Thoughts, vol 6, ISSN 2320-2882, 2018.</li> <li>3. Mamta Kathuria, Dr. C.K. Nagpal, Neelam Duhan, “A Fuzzy Logic based Synonym Resolution Approach for Automated Information Retrieval”, International Journal of Semantic Web &amp; Information System, vol- 14, ISSN 1552-6283, 2018.</li> </ol>



9	Dr. Sapna Gambhir	<ol style="list-style-type: none"> <li>1. Dr. Sapna Gambhir, Nagender Aneja , “Social profile aware AODV protocol for ad-hoc social network”, Wireless personal communication, Springer, 2017.</li> <li>2. Dr. Sapna Gambhir, Nagender Aneja , “Piece wise maximal similarity for ad-hoc social networks”, Wireless personal communication, springer, ISSN 0929-6212, 2017.</li> <li>3. Dr. Sapna Gambhir, Parul Goyal, “Performance analysis of OE-LEACH algorithm in WSNS”, International journal of Computer Engineering &amp; Applications vol.9, Issue 10, ISSN 2321-3469, 2017.</li> <li>4. Dr. Sapna Gambhir, Yashashwani, “A Survey on Road Accident and Vehicle Collision In VANET”, International Journal of Management, Technology And Engineering, ISSN 2249-7455, 2017.</li> </ol>
10	Dr. Parul Gupta	<ol style="list-style-type: none"> <li>1. Dr. Parul Gupta, Monika Gupta, Shruti, “Implementation of Event Extraction from Twitter using LDA” , International Journal of Advanced Research in Computer Science, vol 8, pp 1-5, ISSN 0976-5697, 2017.</li> <li>2. Dr. Parul Gupta, Monika Gupta, “Event Extraction from Twitter using Scoring Function and LDA (peer Reviewed scientific journal)”, International journal of computer science and Engineering, vol 6, pp 98-103, ISSN 2347-2693, 2018.</li> <li>3. Dr. Parul Gupta, Monika Gupta, “Review on nodes with implementation of misbehaving node in CGSR network” , International journal for Research in applied science &amp; Engineering Technology, vol 6, pp 1867-1874, ISSN: 2321-9653, 2018.</li> <li>4. Sapna Sharma, Monika Gupta, Dr. Parul Gupta, “ Implementation of crime patterns prediction using data mining” , International journal of creative research thoughts, vol 6, pp 853-861, ISSN: 2320-2882, 2018.</li> </ol>
11	Ms. Shruti Sharma	<ol style="list-style-type: none"> <li>1. Shruti Sharma, Tamanna Sachdeva, Divya Kaushik, “A Survey: Opinion Mining its Tools and Techniques”, International Journal of Advanced Research in Computer Science, vol 8, ISSN: 0976-5697, 2017.</li> </ol>



12	Poonam	<ol style="list-style-type: none"> <li>1. Poonam Mittal, Dr. C.K. Nagpal, “A Game Theory Based Solution for Security Challenges in Cognitive Radio Networks”, 3D Research, ISSN 2092-6731, 2018.</li> <li>2. Poonam, C.K. Nagpal and Shailender Gupta, “A novel routing strategy for cognitive radio ad hoc network based on Sugeno fuzzy logic”, International Journal of Fuzzy Computation and Modelling (IJFCM), InderScience, pp 87-115, ISSN 2052-3548, 2017.</li> <li>3. Poonam, C.K. Nagpal and Shailender Gupta , “A Fuzzy Logic Based Efficient Routing Strategy for Ad hoc Cognitive Radio Network” ,International Journal of Future Generation Communication and Networking, vol 10, pp 1-22, 2017.</li> <li>4. Shivani Garg, Poonam, Maanvi,”Review of Under Water image Enhancement techniques”, International Journal of Creative Research and Thoughts (IJCRT), ISSN 2320:2882, 2018.</li> </ol>
13	Dr. Anuradha Pillai	<ol style="list-style-type: none"> <li>1. Dr. Anuradha, Juneja, D ,Virmani, C. &amp; Pillai, A. , “Extracting Information from Social Network using NLP”, International Journal of Computational Intelligence Research, ISSN 0974-1259, 2017.</li> <li>2. Dr. Anuradha, Virmani, C., Juneja, D, “Characterising User Demographics across social network”, International Journal of Advanced Research, ISSN 2320-5407, 2017.</li> <li>3. Dr. Anuradha, Babita, Dimple, “Major Encounters to search the Social Network”, International Journal of Advance Research in Computer Science and Software Engineering, 2277-128X, 2017.</li> <li>4. Dr. Anuradha, Suman Kumar Jha, “Clustering in Aggregated User Profiles Across Multiple Social Networks”, International Journal of Electrical and Computer Engineering (SCOPUS), 0974-2190, 2017.</li> <li>5. Dr. Anuradha, Phd Student, “Design of An Integrated Query Processing System for Social Network”, International journal of Information Technology and Web Engineering, 1554-1045, 2017.</li> <li>6. Dr. Anuradha, Phd Student, “Expert System for Data Region Extraction and Semantic Integrated Graph of Named Entities”, International Journal of Electronics Engineering, 0973-7383, 2017.</li> </ol>



14	Dr. Payal Gulati	<ol style="list-style-type: none"> <li>1. Payal Gulati, Suman Kumar Jha, “Design Verification of Digital Systems by Software testing techniques, International journal of Current Engineering and Scientific Research(IJCESR) pp. 41-46, volume 5, issue 2,2018.</li> <li>2. Kajal Khurana, Payal Gulati, “Trend Analysis Using Modified K-means Clustering”, IJARCSMS JOURNAL, June 2018</li> </ol>
15	Amita Arora	<ol style="list-style-type: none"> <li>1. Arora Amita, Dr. Manjeet Singh, “Automatic ontology Construction using Conceptualization and Semantic Roles”, International Journal of Information Retrieval Research, IGI Global, pp 62-80, ISSN 2155-6377, 2017.</li> <li>2. Amita Arora, Ms. Priyanka( M.Tech. Student), “A Review on word sense disambiguation”, International Journal of Current Engineering and Scientific Research IJCESR), ISSN (PRINT): 2393-8374, (ONLINE): 2394-0697, December, 2017.</li> <li>3. Mamta Kathuria, Vrinda, Amita Arora, Enhancement of E-commerce System Security: A Review”, International Journal of Innovations &amp; Advancement in Computer Science IJIACS, 2347 – 8616, 2017.</li> </ol>
16	Dr. Preeti Sethi	<ol style="list-style-type: none"> <li>1. Nandini Mehta, Preeti Sethi, “Study of Self Healing Systems”, Current Trends in Information Technology (CTIT),Vol 8, Issue 1, April 2018, ISSN: 2249-4707.</li> <li>2. Nandini Mehta, Preeti Sethi, “ K-Mean Clustering in HealthCare using Map Reduce”, International Journal of Management, Engineering and Technology, Vol 8, issue 5, May 2018, ISSN: 2249-7455</li> <li>3. Neha Kaushik, Preeti Sethi, “ Study of Aggregation Techniques in WSN”, International Journal of Management, Engineering and Technology, Vol 8, issue 5, May 2018, ISSN : 2249-7455</li> </ol>
17	Dr. Rashmi Popli	<ol style="list-style-type: none"> <li>1. Dr. Rashmi Popli, “Wormhole Attacks Detection in Wireless Sensor Network”, International Journal of Scientific Research in Computer Science Applications and Management Studies, vol. 7, pp 55-59, 2319-1953, 2018.</li> <li>2. Dr. Rashmi Popli,“Honey-pots: Virtual Network Intrusion System”, Int. J. of Sci. Res. in Network Security and Communication, pp 45-49, 2321-3256, 2018.</li> </ol>



18	Umesh	1. Umesh kumar, Dr. Sapna Gambhir, “Device Fingerprint and Mobile Agent based Authentication Technique in Wireless Networks”, International journal of future generation communication & networking, ISSN 2233-7857, 2018.
19	Ashlesha Gupta	<ol style="list-style-type: none"> <li>1. Ms. Ashelesha, Dr. Ashutosh Dixit, “An Efficient User Preference and Page Relevance based Page Ranking Algorithm”, Indian Journal of Science &amp; Technology, pp 1-7.</li> <li>2. Ms. Ashelesha, Dr. Ashutosh Dixit, “A Novel Two-Phase Page Feature and Kth Keyphrase Fingerprint based Duplicate detection technique”, International Journal of Advanced Research in Computer Science, vol 9, pp 695-699.</li> <li>3. Ms. Ashelesha, Dr. Ashutosh Dixit, “A Novel Credibility Based Security Mechanism for Migrating Crawlers” , International Journal of Advanced in Management, Technology and Engineering Sciences, vol 8, pp 431-440.</li> </ol>
20	Dr. Deepika Punj	<ol style="list-style-type: none"> <li>1. Dr. Deepika Punj, Student, “Design of a Migrating Crawler Based on a Novel URL Scheduling Mechanism using AHP, vol. 4, no. 1, pp. 95–110, ISSN 2334-4598, Jan. 2017.</li> <li>2. Dr. Deepika Punj, , Student, “The Comparative study of Web Crawlers, Vol. 5 Issue 1.Jan-Jul 2017”, VIRTUE, ISSN 2230-7117, 2017.</li> <li>3. Pankaj Sharma, Deepika Punj, Poonam, “Real Time system controlling using RGB object Detection Process: A Review”, Journal of Network Communications and Engineering Technology (JNCET), 2395-5317.</li> </ol>
21	Dr. Sonali Gupta	1. Sonali Gupta, Komal Kumar Bhatia,” <u>Optimal Query Generation for Hidden Web Extraction through Response Analysis</u> ”, The Dark Web: Breakthroughs in Research and Practice (IGI Global) pp. 65-83, 2018.
22	Alka Chaudhary	1. Alka Chaudhary, “New Approach for Content based Image Retrieval System using Texture and Color Features”, International Journal of Computer Applications, 973-93-80898-30-8, 2018.



### PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES

S. No.	Name of Faculty	Authors, Title, Conference, Dates, year, Pages
1.*	Dr. Neelam Duhan	1. Dr. Neelam Duhan, Divya Kaushik, Mamta Mittal, "Opinion Mining using Ontological Spam Detection", In proceedings of IEEE International Conference on Infocom Technologies and Unmanned Systems ICTUS, 2017.
2.	Ms. Poonam	1. Poonam Mittal, Dr. C.K. Nagpal, "Modelling and mitigation of Open Challenges in Cognitive Radio Network using Game Theory", Lecture Notes in Electrical Engineering, pp 48-57, ISSN 1876-1100, 2018.
3.	Mr. Umesh Kumar	1. Umesh Kumar, Dr. Sapna Gambhir, "MABFWA: Mobile Agent Based Framework For Wireless Authentication", 8th International Conference on Cloud Computing, Data Science & Engineering (Confluence), pp 219-224, 978-1-5386-1719-9/18, 2018.

### WORKSHOP/STC/INVITED TALKS/OTHER ACTIVITIES CONDUCTED

S. No.	Name of Activity	Title	Dates
1	Refresher Course	Emerging Trends in Computer Science	18-23 Dec 2017
2	HSCST sponsored one day seminar	Technology: useful servant or a dangerous master	9th May 2018
3	Invited talk	Cognitive Automation and Design Thinking	11 Sept 2017
4	Invited talk	Developing Applications	13 Sept 2017
5	Invited talk	Internet Of Things	16 Nov. 2017
6	Industry Visit	Industry Visit (At National Small Industries Corporation (NSIC), Neemka, Faridabad)	5 Feb 2018
7	Invited talk	LDRA Software and Security Testing	12 Feb 2018



8	Invited talk	Digital Forensics and Investigations	23 Feb 2018
9	Invited talk	Demo Session on different Mobile Apps	4 April 2018
10	Invited talk	Internet of Things	2 May 2018

**STC/FDP/WORKSHOP/ SYMPOSIA ATTENDED (01-07-2017 to 30-06-2018)**

S.No.	Name of Faculty	Name of STC/ FDP	Organized by	Date	
				From	To
1	Dr. Ashutosh Dixit	FDP on Soft Skills Development : A Tool for Effective Teaching”	QIP, IIT Roorkee	25 June 2018	29 June 2018
2	Dr. Jyoti	Climate Change and Sustainable Infrastructure Development	NITTTR Sponsored FDP at YMCA UST, Faridabad	4 June 2018	9 June 2018
3	Dr. Harish Kumar	Emerging Trends in Computer Science	TEQIP, YMCA UST, Faridabad	8 Jan 2018	13 Jan 2018
4	Dr. Parul Tomar	Intelligent Management of Renewable Energy Technologies	TEQIP, YMCA UST, Faridabad	18Jan 2018	23 Jan 2018
		Refresher Course on Emerging Trends in Computer Science	TEQIP, YMCA UST, Faridabad	18 Dec 2017	23Dec 2017
		Outcome based Accreditation for Under-Graduate Engineering Program	Workshop at YMCA UST, Faridabad	2 May 2018	3 May 2018
		Technology: useful servant or a dangerous master	HSCST sponsored Seminar at YMCAUST	9 May 2018	9 May 2018
		Advanced Pedagogy and Management Capacity Building Training for Engineering Faculty and Senior Administrators	TEQIP, Gangtok	21 June 2018	25 June 2018



5	Dr. Neelam Duhan	Intelligent Management of Renewable Energy Technologies	TEQIP, YMCA UST, Faridabad	18Jan 2018	23 Jan 2018
		Refresher Course on Emerging Trends in Computer Science	TEQIP, YMCA UST, Faridabad	18 Dec 2017	23Dec 2017
		Outcome based Accreditation for Under-Graduate Engineering Program	Workshop at YMCA UST, Faridabad	2 May 2018	3 May 2018
		Emerging Trends in Computer Science	TEQIP, YMCA UST, Faridabad	8 Jan 2018	13 Jan 2018
6	Dr. Sapna Gambhir	Intelligent Management of Renewable Energy Technologies	TEQIP, YMCA UST, Faridabad	18Jan 2018	23 Jan 2018
		Refresher Course on Emerging Trends in Computer Science	TEQIP, YMCA UST, Faridabad	18 Dec 2017	23Dec 2017
		Outcome based Accreditation for Under-Graduate Engineering Program	Workshop at YMCA UST, Faridabad	2 May 2018	3 May 2018
		Technology: useful servant or a dangerous master	HSCST sponsored Seminar at YMCAUST	9 May 2018	9 May 2018
		TEQIP sponsored FDP on Achieving Excellence in Engineering education	TEQIP sponsored FDP by ESCI, Hyderabad	24May 2018	28 May 2018
6	Dr. Parul Gupta	Entrepreneurship : An Effective tool to Improve Industry- Institute Interaction	NITTTR, YMCA UST, Faridabad	7 Dec 2017	20 Dec 2017
		Intellectual Property Rights and Patenting	TEQIP, YMCA UST, Faridabad	23 April 2018	27 April 2018
7	Ms. Shruti Sharma	Entrepreneurship : An Effective tool to Improve Industry- Institute Interaction	NITTTR, YMCA UST, Faridabad	7 Dec 2017	20 Dec 2017



		Intellectual Property Rights and Patenting	TEQIP, YMCA UST, Faridabad	23 April 2018	27 April 2018
8	Dr. Anuradha	Emerging Trends in Computer Science	TEQIP, YMCA UST, Faridabad	8 Jan 2018	13 Jan 2018
		Intellectual Property Rights and Patenting	TEQIP, YMCA UST, Faridabad	23 April 2018	27 April 2018
9	Ms. Poonam	Emerging Trends in Computer Science	TEQIP, YMCA UST, Faridabad	8 Jan 2018	13 Jan 2018
		FDP on Recent Developments in application based Technologies in Engineering	TEQIP, YMCA UST, Faridabad	30 Nov 2017	6Dec 2017
10	Dr. Deepika	Emerging Trends in Computer Science	TEQIP, YMCA UST, Faridabad	8 Jan 2018	13 Jan 2018
		FDP on Recent Developments in application based Technologies in Engineering	TEQIP, YMCA UST, Faridabad	30 Nov 2017	6 Dec 2017
		Entrepreneurship : An Effective tool to Improve Industry- Institute Interaction	NITTTTR, YMCA UST, Faridabad	7 Dec 2017	20 Dec 2017
11	Dr. Payal Gulati	Emerging Trends in Computer Science	TEQIP, YMCA UST, Faridabad	8 Jan 2018	13 Jan 2018
		FDP on Recent Developments in application based Technologies in Engineering	TEQIP, YMCA UST, Faridabad	30 Nov 2017	6 Dec 2017



		Intelligent Management of Renewable Energy Technologies	TEQIP, YMCA UST, Faridabad	18Jan 2018	23 Jan 2018
12	Ms. Amita Arora	Entrepreneurship : An Effective tool to Improve Industry- Institute Interaction	NITTTR, YMCA UST, Faridabad	7 Dec 2017	20 Dec 2017
13	Dr. Preeti Sethi	Emerging Trends in Computer Science	TEQIP, YMCA UST, Faridabad	8 Jan 2018	13 Jan 2018
		FDP on Recent Developments in application based Technologies in Engineering	TEQIP, YMCA UST, Faridabad	30 Nov 2017	Dec 2017
14	Ms. Ashlesha Gupta	Emerging Trends in Computer Science	TEQIP, YMCA UST, Faridabad	8 Jan 2018	13 Jan 2018
		FDP on Recent Developments in application based Technologies in Engineering	TEQIP, YMCA UST, Faridabad	30 Nov 2017	Dec 2017
15	Dr. Rashmi Popli	Intellectual Property Rights and Patenting	TEQIP, YMCA UST, Faridabad	23 April 2018	27 April 2018
16	Dr. Sonali Gupta	Emerging Trends in Computer Science	TEQIP, YMCA UST, Faridabad	8 Jan 2018	13 Jan 2018
		FDP on Recent Developments in application based Technologies in Engineering	TEQIP, YMCA UST, Faridabad	30 Nov 2017	Dec 2017
		Intelligent Management of Renewable Energy Technologies	TEQIP, YMCA UST, Faridabad	18Jan 2018	23 Jan 2018



17	Sh. Sushil Kumar	Emerging Trends in Computer Science	TEQIP, YMCA UST, Faridabad	8 Jan 2018	13 Jan 2018
		Intellectual Property Rights and Patenting	TEQIP, YMCA UST, Faridabad	23 April 2018	27 April 2018
18	Sh. Umesh Kumar	Emerging Trends in Computer Science	TEQIP, YMCA UST, Faridabad	8 Jan 2018	13 Jan 2018
19	Ms. Shikha Gupta	Emerging Trends in Computer Science	TEQIP, YMCA UST, Faridabad	8 Jan 2018	13 Jan 2018
20	Ms. Alka Chaudhary	Emerging Trends in Computer Science	TEQIP, YMCA UST, Faridabad	8 Jan 2018	13 Jan 2018

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

S. No.	Name of Faculty	Details
1	Dr. Ashutosh Dixit	Editor of YMCAUST IJR
2	Dr. Neelam Duhan	Member, ISTE
		Editorial Board, International Journal of Distributed and Cloud Computing, Publishing India
3	Dr. Parul Tomar	Member, ISTE
4	Dr. Sapna Gambhir	Member, ISTE

**GATE/CAT/ OTHER EXAM QUALIFIED STUDENTS 2017-2018**

S. No.	Name of Exam	Year	Count of Qualified Students
1	GATE	2017-2018	24



## **DEPARTMENT OF COMPUTER APPLICATIONS**

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:** BCA and B.Sc (Animations & Multimedia)

**PG Course:** MCA

**Target Students:**

**Total Number of Faculty:** (2 Professor + 4 Assistant Prof.)

**Number of Ph.D.'s:** 3

**Average Experience of faculty:** 12 years. (approx.)

**Chairperson:** **Dr. Atul Mishra**

### **DEPARTMENTAL FACILITIES**

The department is well equipped with the following facilities:

<b>Sr. No.</b>	<b>Facility</b>	<b>Count/Details</b>
1.	Labs	10
2.	Smart class Rooms	3
3.	Lecture Halls	10
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	Professor	Ph.D.(2012)	Object Oriented Designs, Distributed Systems, Cloud Computing, Big Data, Network Management	26
2	Dr. Manjeet Singh	Professor	Ph.D. (2008)	NLP, Soft Comp., AI, Comp.Net	17
3	Ms. Shilpa Sethi	Assistant Professor	M.Tech (2009)	Information Retrieval	13
4	Ms. Mamta Kathuria	Assistant Professor	M.Tech (2008)	Fuzzy and Web Mining	11
5	Dr. Manvi	Assistant Professor	Ph.D.(2017)	Information Reterival	12
6	Sh. Vedpal	Assistant Professor	M.Tech. (2012)	Object Technology, Software Testing	9.5
7.	Ms. Chahita	Assistant Professor	M.Sc.(Animation & Design)	Design	4
8.	Mr. Aditya	Assistant Professor	M.Sc.(Multi media & Technologies)	Visual Effects	3

### DEPARTMENTAL PUBLICATIONS & FDP/STC

Sr. No.	Particular	Count
1	Publications in International Journals	17
2	Publications in National Journals	NIL
3	Publications in International Conferences	1
4	Publications in National conferences	NIL
5	STC/FDP	6



**PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL JOURNALS**

Sr. No.	Name of Faculty	Title, Journal, Vol, Issue, Pages, Year
1.	Dr. Atul Mishra	<ol style="list-style-type: none"> <li>1. “Real Time Bidding With Comparative Study of Various User Responses Prediction Models” in International Journal of Advance Research in Science &amp; Engineering, page no. 383-391 ISBN: 2319-8354</li> <li>2. “A Survey on Recommendation System” in International Journal of Advance Research in Science &amp; Engineering, page: 439-444 ISBN/ISSn:2319-835.</li> </ol>
2.	Dr. Manjeet Singh	<ol style="list-style-type: none"> <li>1. Singh Manjeet, Dahiya Naveen, Bhatnagar Vishal, “A fuzzy-based automatic prediction system for quality evaluation of conceptual data warehouse models” Int. J. Data Analysis Techniques and Strategies, Vol. 10, No. 3, 2018.</li> <li>2. Singh Manjeet, Dahiya Naveen, Bhatnagar Vishal, “A fuzzy based matrix methodology for evaluation and ranking of data warehouse conceptual models metrics”, International Arab Journal of Information Technology (IAJIT), ISSN 1683-3198 – Print, 15(2), 202-212 (2018) Accepted. DBLP, SCI (Accepted in July 7, 2015).</li> <li>3. Poonam Chahal, Manjeet Singh, Suresh Kumar, “Web Documents Semantic Similarity by extending Document Ontology <i>Using Current Trends</i>” International Journal of Web Science, Inderscience, ISSN online: 1757-8809ISSN print: 1757-8795, Forthcoming Article, INDEXED DBLP, ACM. (Accepted in Nov 2016)</li> <li>4. Arora Amita, Akanksha Diwedi, Singh Manjeet, Chouhan Naresh, “<i>Machine Learning Approach for Text Summarization</i>”, International Journal of Database Theory and Application, SARSC Australia, ISSN: 2005-4270, EISSN: 2155-635 Vol. 10, Issue 3, Number 8, pp. 83-90, 2017.</li> <li>5. Arora Amita, Singh Manjeet, Chouhan Naresh, “<i>Automatic ontology Construction using Conceptualization and Semantic Roles</i>”, International Journal of Information Retrieval Research, IGI Global, ISSN: 2155-6377, EISSN: 2155-6385 Vol. 7, Issue 3, Article 4, pp. 62-80 , July-September 2017. DBLP and ACM Indexed Journal (Accepted in Dec 2016).</li> <li>6. Poonam Chahal, Manjeet Singh, Suresh Kumar, “Semantic Analysis Based Approach for Relevant Text Extraction Using Ontology”, International Journal of Information Retrieval and Research, IGI Publications ISSN: 2155-6377, EISSN: 2155-6385 Vol. 7, Issue 4, Article 2, pp.19-36, October-December 2017. DBLP and ACM Indexed Journal(Accepted in June 2016)</li> </ol>



3.	Ms.Shilpa	<ol style="list-style-type: none"> <li>1. Improving Text Summarization method for Summarizing product reviews”, International Journal of Computer Science &amp; Engineering, ISBN/ISSN: 2347-2693</li> <li>2. Survey paper on Text Summarization Method, International Journal of Innovative and emerging research in engineering, ISBN/ISSN:2394-3343.</li> <li>3. Analysis of various sentiment Analysis Techniques”, International Journal of Creative Research Thoughts, ISBN/ISSN:0975-4024</li> </ol>
4.	Dr. Manvi	<ol style="list-style-type: none"> <li>1. A review on applications of Internet of Things", International Journal of Current Engineering and Scientific Research (IJCESR), Volume:4 Issue 10, 2393-8374,(online) 2394-0697</li> </ol>
5.	Ms. Mamta Kathuria	<ol style="list-style-type: none"> <li>1. Creation of Entity Synonyms Dictionary and its usage for Query Reformulation: A Review, Journal of Emerging Technologies and Innovative Research (JETIR), Volume 5, Issue 8, 1185-1190, August 2018.</li> <li>2. A Fuzzy Logic based Synonym Resolution Approach for Automated Information Retrieval, International Journal of Semantic Web and Information System, IGI Global Publisher, Volume 14, Issue 4, Article 5, 92-109, October-December 2018.</li> <li>3. Discovery of Entity Synonym Using Anchor Text and URLs, International Journal of Future Generation Communication and Networking, SERSC publisher, Vol. 10, No. 11, pp.19-36, 2017</li> <li>4. Enhancement of E-commerce System Security: A Review, International Journal of Innovations &amp; Advancement in Computer Science IJIACS, ISSN 2347 – 8616 Volume 6, Issue 12 December 2017.</li> <li>5. Semantic Similarity between Two Documents: A Topic map Approach, Journal of Data Mining and Management, Vol 2, No 3, 2017.</li> <li>6. Semantic similarity between documents using tree view ontology, International Research Journal of Advanced Engineering and Science, Volume 2, Issue 2, pp. 323-326, 2017.</li> </ol>
6.	Mr.Vedpal	<ol style="list-style-type: none"> <li>1. Test Case Prioritization Technique For Object Oriented Software Using Method Complexity, International Journal of Innovative Computing, Information and Control ICIC International, ISSN 1349-4198: Volume 14, Number 1, February 2018 pp 341-354</li> <li>2. A Technique for Regression Testing of Object Oriented Software, Asian Journal of Computer Science and Technology ISSN: 2249-0701 Vol.7 No.12, 2018, pp. 87-92</li> </ol>

**PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES**



S. No.	Name of Faculty	Authors, Title, Conference, Dates, year, Pages
1.	Ms. Mamta Kathuria	Shelly Gupta, Mamta Kathuria, A Novel Approach to Measure the Semantic Similarity for Information Retrieval, 3rd International Conference on Next Generation Computing Technologies (NGCT-2017) 30th and 31st October, 2017

**WORKSHOP/STC/INVITED TALKS/OTHER ACTIVITIES CONDUCTED**

S. No.	Name of Activity	Title	Dates
1	Refresher Course	Emerging Trends in Computer Science	6-13 January 2018

**STC/FDP/WORKSHOP/ SYMPOSIA ATTENDED (01-07-2017 to 30-06-2018)**

S.No.	Name of Faculty	Name of STC/ FDP	Organized by	Date	
				From	To
1.	Ms. Shilpa	Emerging Trends in Computer Science	YMCA University of Science & Technology	6 Jan 2018	13 Jan 2018
2.	Dr. Manvi	Entrepreneurship: An Effective tool to improve industry Institute Interaction	YMCAUST, Faridabad	07-12-2017	20-12-2017
3.	Dr. Manvi	Research Methodolgy	NITTR, Chanigarh	6/6/2016	17/6/2016
4.	Mamta Kathuria	Emerging Trends in Computer Science	YMCA University of Science & Technology	6 Jan 2018	13 Jan 2018
5.	Mr.Vedpal	Emerging Trends in Computer Science	YMCA University of Science &	6 Jan 2018	13 Jan 2018



			Technology		
6	Mr.Vedpal	Intellectual Property Rights and Patenting	YMCA University of Science & Technology	23 April 2018	27 April 2018



**DEPARTMENT OF PHYSICS**



## DEPARTMENT OF PHYSICS

The Department of **PHYSICS** is department with excellent academic and research profile which also supports various departments in taking Chemistry as a subject . The department intends to create well-rounded individuals ready to comprehend scientific and technical challenges offered in the area of specialization.

### DEPARTMENT PROFILE

<b>UG Course:</b>	B.Sc.
<b>PG Course:</b>	M.Sc.
<b>Ph.D.:</b>	Physics,
<b>Target Students:</b>	240
<b>Total Number of Faculty</b>	<b>8</b> Assistant Prof.
<b>Number of Ph.D.'s:</b>	<b>10</b>
<b>Average Experience of faculty:</b>	7 years (approx)
<b>Chairperson:</b>	<b>Prof. Rajkumar</b>

### DEPARTMENTAL FACILITIES

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1	Labs	5
2	Workshops	Nil
3	Lecture Halls	02
4	Conference Room	Nil
5	Seminar Halls/Projector Rooms/Research Lab	01
6	Internet Connection	Yes (at every terminal)



## FACULTY PROFILE

S. No.	Name	Designation	Qualification	Area of Specialization	Total Experience (years)
1	Prof. Rajkumar	Dean	Ph.D	Energy, Thermal, Ref. & A/c	25
2	Dr.Anuradha	Asstt Prof	Ph.D	Microwaves, Fiber Optics	14
3	Dr. Sonia Bansal	Assistant Professor	Ph.D	Nanotechnology and spectroscopy	15
4.	Dr. Maneesha Garg	Assistant Professor	Ph.D	Experimental Physics	14
5.	Dr. Manikant Yadav	Asstt.Prof.)	Ph. D	Plasma, Astrophysics, Electronics, communication.	U.G-11 Yrs P.G-8 Yrs
6.	Dr.Parveen Goyal	Assistant Professor	Ph.D	Physics	3
9.	Ms Aarti	Assistant Professor	M.Sc	Physics	2

## DEPARTMENTAL PUBLICATIONS &amp; FDP/STC

Sr. No.	Particular	Count
1	Publications in International Journals	6
2	Publications in National Journals	
3	Publications in International Conferences	4
4	Publications in National conferences	
5	STC/FDP	01

## PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL JOURNALS

Sr. No.	Name of Faculty	Title, Journal, Vol, Issue, Pages, Year
1	Dr.Anuradha	1.Synthesis of Er doped ZnO cone-like nanostructures with enhanced structural, optical and magnetic properties 2.Evaluation of Mn doped Zinc oxide dilute magnetic semiconductor
2	Dr. Sonia Ram	1. Vinod Chacko, Sonia Bansal, Aurangzeb Khurram Hafiz, "Effect of dispersion on omnidirectional reflection band in zinc oxide-based one-dimensional photonic crystal heterostructures," J. Nanophoton. 12(2), 026012 (2018), doi: 10.1117/1.JNP.12.026012. (Impact factor 1.5).



		<p>2. Vinod Chacko, Sonia Bansal , Aurangzeb Khurram Hafiz, "Broad inhibition of transmission frequency in multilayered dielectric one dimensional photonic crystal nanostructure". Journal for Foundations and Applications of Physics , (2018) (ISSN: 2394-3688). vol.5,No.2 (2018) (ISSN: 2394-3688) (<b>UGC approved journal</b>).</p> <p>3. 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) (<b>UGC approved journal</b>).</p>
3	Dr. Maneesha Garg	<p>1. Radon-thoron and their progeny dosimetry in multi-storeyed malls in Delhi NCR (India) using plastic track detectors, International Journal of Low Radiation 2017, Vol. 10 No. 4, PP 255-265</p> <p>2. Natural radioactivity in rock samples of Aravali hills in India, International Journal of Radiation Research , 2017, 15(4), PP 391-398</p>

#### PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES

Sr. No.	Name of Faculty	Authors, Title, Conference, Dates, year, Pages
2	Dr. Sonia Bansal	<p>1. International Conference on Materials Research and Technology (ICMRT-2017) July 10-11, 2017. Aggarwal College Ballabgarh.</p>
3	Dr. Maneesha Garg	<p>1. Measurement of indoor radon, thoron &amp; their progeny levels in dwellings of Faridabad District of Southern Haryana, India. "International Conference on Science and Technology: Trends and Challenges (ICSTTC-2018)" on 16<sup>th</sup>-17<sup>th</sup> April-2018, held at Gujranwala Guru Nanak Khalsa College, Ludhiana, Punjab, India.</p> <p>2. Inter-comparison and validation of measurements of radon &amp; thoron levels using active and passive techniques. "20<sup>th</sup> National Conference on Solid State Nuclear Track Detectors and their Applications (SSNTDs-20)" on 26<sup>th</sup>-28<sup>th</sup> October-2017, held at Mysuru, Karnataka, India.</p> <p>3. Meeting the Energy needs of the 21th century: Is it time for a rear nuclear renaissance. "National conference on Energy &amp; Sustainability: Sources, Expectations &amp; Uncertainties (NCESSU-2018)" on 9<sup>th</sup>-10<sup>th</sup> March-2018 held at Aggarwal College Ballabgarh, Faridabad, Haryana, India.</p>



### WORKSHOP/STC/INVITED TALKS/OTHER ACTIVITIES CONDUCTED

Sr. No.	Name of Activity	Title	Dates
1	Conference (Dr. Maneesha Garg)	“Rashtriya Media Sammelan Evam Film Masotsav” form	10 <sup>th</sup> -11 <sup>th</sup> Nov2018
2	Conference (Dr. Anuradha)	“Rashtriya Media Sammelan Evam Film Masotsav” form	10 <sup>th</sup> -11 <sup>th</sup> Nov2018
3	Seminar under the Golden Jubilee Celebration of Haryana. (Dr. Sonia)	“Recent Developments in Smart Materials and Integrated Circuits”	11 <sup>th</sup> Oct. 2017
4	A Two-Day Science Conclave-17 in collaboration with Department of Science and Technology, Haryana to mark the Swarna Jayanti Celebrations on at YMCAUST, Faridabad (Dr. Sonia)	Science Conclave-17	25 <sup>th</sup> -26 <sup>th</sup> Oct. 2017

### STC/FDP/WORKSHOP/ SYMPOSIA ATTENDED

Sr.No.	Name of Faculty	Name of STC/ FDP	Organized by	Date	
				From	To
1	DR.M.K.Yadav	Student activity	NITTTR	18.6.2018	22.6.2018
2	Dr. Maneesha	Short term course on “Life skills”	Sponsored by NITTTR in collaboration with YMCAUST	09-07-2018	13-07-2018
3	Ms Aarti	Short term course on “Life skills”	Sponsored by NITTTR in collaboration with YMCAUST	09-07-2018	13-07-2018



### INVITED TALKS/LECTURES DELIVERED

Sr.No.	Name of Faculty	Topic of delivery	Venue	Date
1	Dr. Sonia Bansal	Diffraction	EDUSAT network through VYAS Channel at Consortium for Educational Communication (CEC) under Inter-University Centre of University Grants Commission (UGC), New Delhi.	4 <sup>th</sup> August 2017
		Basics of Quantum Mechanics - I		22 <sup>nd</sup> August 2017
		Quantum Mechanics - II		8 <sup>th</sup> Sept. 2017
		Free Electron Theory		22 <sup>nd</sup> Sept. 2017
		Magnetic Properties of Solid		6 <sup>th</sup> Oct. 2017
		Magnetic Properties of Solid-II		10 <sup>th</sup> Nov. 2017
		Solid State Physics -I		28 <sup>th</sup> Nov. 2017
		Solid State Physics -II		8 <sup>th</sup> Dec. 2017

### FACULTY SERVING IN NATIONAL COMMITTEES, INTERNATIONAL COMMITTEES, EDITORIAL BOARDS

Dr. Sonia

- Reviewer of Scientific committee & Editorial review Board on Engineering and Physical Sciences, World Academy of Science, Engineering and Technology (international).
- Sub Editor of International Journal of YMCA university of Science and Technology.
- Member of Evaluation Committee of State Essay Writing Competition of Haryana State Council for Science and Technology. Department of Science and Technology, Govt. of Haryana.
- 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.

**Annual Report 2017-18**



Dr. Maneesha : Life time membership of Nuclear Track society of India from 2013

Dr.M.K.Yadav: The Indian Science Congress Association Kolkatta.,Barc,Iste New Delhi,Pssi  
Ahemadabad , Chikkara University Punjab.IAPT KANPUR U.P,



**DEPARTMENT OF CHEMISTRY**



## DEPARTMENT OF CHEMISTRY

The Department of Humanities and Sciences (HAS) is a multidisciplinary department with excellent academic and research profile which also supports various departments in taking subjects of Humanities & Sciences. The department intends to create well-rounded individuals ready to comprehend scientific and technical challenges offered in the area of specialization.

### DEPARTMENT PROFILE

<b>UG Course:</b>	All Branches
<b>PG Course:</b>	M.Sc. (Chemistry)
<b>Ph.D.:</b>	Chemistry
<b>Target Students:</b>	480
<b>Total Number of Faculty</b>	<b>13</b> Assistant Prof.
<b>Number of Ph.D.'s:</b>	8
<b>Average Experience of faculty:</b>	11 years (approx)
<b>Chairperson:</b>	<b>Prof. Raj Kumar</b>

### DEPARTMENTAL FACILITIES

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1	Labs	MSc. (Chemistry) (4), MSc.(EVS)
2	Workshops	Nil
3	Lecture Halls	01
4	Conference Room	Nil
5	Seminar Halls/Projector Rooms/Research Lab	01
6	Internet Connection	Yes (at every terminal)



## FACULTY PROFILE

S. No.	Name	Designation	Qualification	Area of Specialization	Total Experience (years)
1	Prof. Rajkumar	Dean & Chairman	PhD	Energy, Thermal, Ref. & A/c	24
2	Bindu Mangla	Asstt Prof	PhD	Atmospheric Sciences	11
3	Dr. Sita Ram	Assistant Professor	Ph.D (Chemistry)	Synthetic and Medicinal Chemistry	3
4.	Dr. Neetu Rani	Asstt Prof (on Contract)	Ph.D	Inorganic Chemistry	06
5.	Dr. Vishwas Khurana	Assistant Professor (on Contract)	Ph.D. (Chemistry)	Organic Chemistry	02
6.	Dr. Shilpa Behl	Asstt Prof (on Contract)	Ph.D	Coordination Chemistry	13

## DEPARTMENTAL PUBLICATIONS &amp; FDP/STC

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

## PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL JOURNALS

Sr. No.	Name of Faculty	Title, Journal, Vol, Issue, Pages, Year
2	Dr. Sita Ram	1. Structural and thermal characterization of polyvinylalcohol grafted SiC nanocrystals, Mater. Res. Express, 2017, 4, 075015; ISSN: 2053-1591, 2017



### PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES

Sr. No.	Name of Faculty	Authors, Title, Conference, Dates, year, Pages
1	Ms. Bindu Mangla	<ol style="list-style-type: none"> <li>1. Paper Presented on “Nanotechnology Aided Photovoltaic Cells” in National Conference on ‘Advances in material Sciences &amp; IOT for Smart Environmental Monitoring and Sustainability’ on March 20-21, 2018, at Lingaya’s Vidyapeeth, Faridabad, India.</li> <li>2. Paper Presented on “Idiomatic Expressions emerging in Haryanavi folk tradition” in International Conference on ‘Endangered Languages of Delhi-NCR: The Northeast India Focus’ on May 08, 2018, at National Law University (NLU) Delhi.</li> <li>3. Paper Presented on “Nanotechnology Assisted Photovoltaic Cells” in National Conference on ‘Beating the Plastic Hazard: Challenges &amp; Strategies on June 4, 2018, at Delhi Technological University (DTU), Delhi.</li> <li>4. Paper Presented on “Titanium Oxide as a potential reagent to control NOx from the Atmosphere- A Study” in National Conference on ‘Beating the Plastic Hazard: Challenges &amp; Strategies on June 4, 2018, at Delhi Technological University (DTU), Delhi.</li> </ol>

### WORKSHOP/STC/INVITED TALKS/OTHER ACTIVITIES CONDUCTED

Sr. No.	Name of Activity	Title	Dates
1	Expert Lecture series organized by Dr Bindu Mangla, Deptt of Chemistry	X-ray Crystallography	6-7 Nov, 2017
2	Expert Lecture series organized by Dr Bindu Mangla, Deptt of Chemistry	Spectroscopic techniques in Physical Chemistry	9 Nov, 2017
3	Expert Lecture series organized by Dr Bindu Mangla, Deptt of Chemistry	Photochemistry	28 Feb, 2018
4	Expert Lecture series organized by Dr Bindu Mangla, Deptt of Chemistry	Drug Design	25 Apr, 2018
5	Expert Lecture series organized by Dr Bindu Mangla, Deptt of Chemistry	Cement Chemistry	8-9 may, 2018
6	Expert Lecture series organized by Dr Vishwas Khurana, Deptt of Chemistry	Drug Design	25 April, 2018



### STC/FDP/WORKSHOP/ SYMPOSIA ATTENDED

Sr.No.	Name of Faculty	Name of STC/ FDP	Organized by	Date	
				From	To
1	Dr Bindu Mangla	FDP on Intelligent Management of Renewable Energy Technologies	Department of Electrical Engineering, YMCA UST, Faridabad	18 Jan 2018	23 Jan 2018
		FDP on Polymer Analysis and Application: Current Scenario	Department of Applied Chemistry, DTU, Delhi	4 June 2018	8 June 2018
		FDP on Life Skills Development	NITTTR Chandigarh at YMCA UST	9 Jul 2018	13 Jul 2018

### INVITED TALKS/LECTURES DELIVERED

Sr.No.	Name of Faculty	Topic of delivery	Venue	Date
1	Dr Bindu Mangla	Ionospheric Studies	K L Mehta Dayanand College for women, Faridabad	25 Apr 2018

### FACULTY SERVING IN NATIONAL COMMITTEES, INTERNATIONAL COMMITTEES, EDITORIAL BOARDS

Dr. Bindu Mangla <ul style="list-style-type: none"> <li>Life member, Indian Science Congress Association (ISCA), Kolkata</li> </ul>
Dr. Shilpa Behl <ul style="list-style-type: none"> <li>Indian council of chemists</li> </ul>



**DEPARTMENT OF MATHEMATICS**



## DEPARTMENT OF MATHEMATICS

### DEPARTMENT PROFILE

**UG Course:** B.Tech. (All Branch)

**PG Course:** M.Sc. (Mathematics)

**Ph.D.:** Mathematics

**Target Students:** 120

**Total Number of Faculty** 5 Assistant Prof.

**Number of Ph.D.'s:** 2

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

**Chairperson:** Dr. Raj Kumar

### DEPARTMENTAL FACILITIES

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1	Labs	M.Sc. (Mathematics)
2	Workshops	Nil
3	Lecture Halls	Nil
4	Conference Room	Nil
5	Seminar Halls/Projector Rooms/Research Lab	Nil
6	Internet Connection	Yes (at every terminal)



### FACULTY PROFILE

S. No.	Name	Designation	Qualification	Area of Specialization	Total Experience (years)
1	Dr. Neetu Gupta	Associate Professor	PhD (Mathematics)	Operations Research	14
2	Ms. Jyoti	Assistant Professor(SS)	Pursuing PhD (Mathematics)	Operations Research	10
3	Dr. Reena Garg	Assistant Professor	Ph.D (Mathematics)	Mathematics	13 years 11 months
4	Nisha Singh	Assistant Professor	M.Sc(Hons) NET	Pure Mathematics	6
5	Hemlata Aggarwal	Assistant Professor	Pursuing PhD (Mathematics)	Fuzzy Mathematics	6

### DEPARTMENTAL PUBLICATIONS & FDP/STC

Sr. No.	Particular	Count
1	Publications in International Journals	12
2	Publications in National Journals	0
3	Publications in International Conferences	0
4	Publications in National conferences	0
5	STC/FDP	1

### PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL JOURNALS

Sr. No.	Name of Faculty	Title, Journal, Vol, Issue, Pages, Year
1	Dr. Neetu Gupta	<ol style="list-style-type: none"> <li>1. "A Discussion On Some Recent Coupled Fixed Point Results Via New Generalized Nonlinear Contractive Conditions, Twms J. App. Eng. Math. V.7, N.1, 2017, Pp. 110-130.</li> <li>2. "Reliability Improvement Estimation of Air Conditioner Controller using Fuzzy Logic", International journal of Trend in research and Development, vol. 4, issue 4, pp 171-175, 2017.</li> <li>3. "Effect of Automation on Reliability of an Electroplating Plant: A Further Step to Sync Demand and Production.", International journal of Trend in research and Development, vol. 4, issue 4, pp 340-345, 2017.</li> <li>4. "Analysing the process of vendor managed inventory", Journal of Global Research in Mathematical Archives, Vol. 5, No. 2, pp 82-88, 2018.</li> </ol>



		5. "Availability function using Markov Modeling with Application of Software on matrix method", International Journal of Pure and Applied Mathematics, Vol. 119, No. 12, pp 16083-16093, 2018.
2	Ms. Jyoti Grover	<ol style="list-style-type: none"> <li>1. "Analysing the process of Vendor Managed Inventory", published in Volume 5, No.2, February 2018, Journal of Global Research in Mathematical Archives (UGC Approved Journal) ISSN 2320-5822.</li> <li>2. "Analysing the barriers in Vendor Managed Inventory in medical stores", published in April 2018, Gurukul International Multidisciplinary Research Journal April, Issue 1, Volume VII(I) UGC approved journal Sr. No. 48455, ISSN No. 2394-8426</li> </ol>
3	Dr. Reena Garg	<ol style="list-style-type: none"> <li>1. Study of Application of Linear Programming (Assignment Problem) Using QBS &amp; Hungarian method, International Journal of Emerging Technology &amp; Advance Engineering, August 2017 .</li> <li>2. Analysis of various factors of reliability using Boolean function technique in refinery unit, International Journal of Statistics and Applied Mathematics, Sept 2017 .</li> <li>3. Comparative Study of convergence and solution of algebraic and transcendental equations using zero-finding methods, International Journal of Statistics and Applied Mathematics, Nov 2017 .</li> <li>4. Review Article on RPGT – A General Approach, International Journal of Engineering Technologies and Management Research, December 2017.</li> <li>5. M.T.T.F. and Reliability V/s Time for a Milk Manufacturing and Processing Unit using BFT, International Journal of Engineering Sciences &amp; Research Technology, January 18.</li> </ol>

#### PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES

Sr. No.	Name of Faculty	Authors, Title, Conference, Dates, year, Pages
		NIL

#### WORKSHOP/STC/INVITED TALKS/OTHER ACTIVITIES CONDUCTED

Sr. No.	Name of Activity	Title	Dates
1	Co-coordinator, STC	Climate change and sustainable infrastructure development	4-6-2018 to 9-6-2018
2	Coordinator, Invited Talk organized by Department of Humanities and Sciences, YMCAUST, Faridabad	Fuzzy Sets and Fuzzy Logic	13.10.2017



Sr. No.	Name of Activity	Title	Dates
3	Coordinator, Invited Talk organized by Department of Humanities and Sciences, YMCAUST, Faridabad	Operations Research	26.02.2018

### STC/FDP/WORKSHOP/ SYMPOSIA ATTENDED

Sr.No.	Name of Faculty	Name of STC/ FDP	Organized by	Date	
				From	To
1	Dr. Neetu Gupta	Recent Development in Application based Technologies in Engineering	YMCA University of science and technology, Faridabad	30.11.2017	06.12.2017
		Life Skills Development	YMCA University of science and technology, Faridabad	09.07.2018	13.07.2018
		Climate Change & Sustainable Infrastructure Development	YMCA University of science and technology, Faridabad	04.06.2018	09.06.2018
2	Ms. Jyoti Grover	Emerging trends in computer science	Computers Department YMCAUST.	8-01-2018	13-01-2018
		Climate change and sustainable infrastructure development	Humanities and Sciences Department, YMCAUST.	4-6-2018	9-6-2018
3	Dr. Reena Garg	Life Skills Development	YMCA University of Science and technology, Faridabad	09.07.2018	13.07.2018
		Climate change and sustainable infrastructure development	Humanities and Sciences Department, YMCAUST.	4-6-2018	9-6-2018
		Recent Developments in Application based Technologies in Engineering	YMCAUST	30-11-2017	6-12-2017
4	Ms. Nisha	Climate change and sustainable infrastructure development	Humanities and Sciences Department, YMCAUST.	4-6-2018	9-6-2018
5	Ms. Hemlata Aggarwal	Climate change and sustainable infrastructure development	Humanities and Sciences Department, YMCAUST.	4-6-2018	9-6-2018

**INVITED TALKS/LECTURES DELIVERED**

<b>Sr.No.</b>	<b>Name of Faculty</b>	<b>Topic of delivery</b>	<b>Venue</b>	<b>Date</b>
		NIL		

**FACULTY SERVING IN NATIONAL COMMITTEES, INTERNATIONAL COMMITTEES,  
EDITORIAL BOARDS**

Dr. Neetu Gupta

- Life Member of Indian Society for Mathematical Education
- Lifetime Member of Indian Mathematical Society(IMS)
- Life Member of Forum for Interdisciplinary Mathematics

Ms. Jyoti Grover

- Lifetime Member of Indian Mathematical Society(IMS)
- Lifetime membership of ISCA Indian Science Congress Association

Dr. Reena Garg

Life member of

- Ramanujan Mathematical Society
- Indian Mathematical Society
- Indian Science Congress Association
- Indian Society For Technical Education
- Indian Society For Probability & Statistics
- IAENG International Association of Engineers
- Forum of Interdisciplinary Mathematics (F I M)
- Member Editorial Board, International Journal of Engg & Management Research (IJEMR).



**DEPARTMENT OF ENVIRONMENTAL SCIENCES**



## DEPARTMENT OF ENVIRONMENTAL SCIENCES

### DEPARTMENT PROFILE

<b>UG Course:</b>	Nil
<b>PG Course:</b>	M.Sc. Environmental Sciences
<b>Ph.D.:</b>	Environmental Sciences
<b>Target Students:</b>	65
<b>Total Number of Faculty</b>	1(Assistant Prof.)
<b>Number of Ph.D.'s:</b>	1
<b>Average Experience of faculty:</b>	9 years
<b>Chairperson:</b>	<b>Prof. Raj Kumar</b>

### DEPARTMENTAL FACILITIES

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1	Labs	01 (EVS Lab)
2	Workshops	Nil
3	Lecture Halls	Nil
4	Conference Room	Nil
5	Seminar Halls/Projector Rooms/Research Lab	Nil
6	Internet Connection	Yes

### FACULTY PROFILE

S. No.	Name	Designation	Qualification	Area of Specialization	Total Experience (years)
1	Prof. Rajkumar	Chairman	PhD	Energy, Thermal, Ref. & A/c	24
3	Dr. Renuka Gupta	Assistant Professor	PhD (Environmental Science)	Environmental Pollution Management	9

### DEPARTMENTAL PUBLICATIONS & FDP/STC



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	2
6	Book Chapter Published	1
7	Development of e-modules for ePG Pathshala (MHRD)	3

**WORKSHOP/STC/INVITED TALKS/OTHER ACTIVITIES CONDUCTED**

Sr. No.	Name of Activity	Title	Dates
1	Activities for Celebrations of International Ozone Day: 1. Scientific Poster Exhibition cum competition 2. Enviro-Quiz 3. Expert Lecture	'International Day for Preservation of the ozone layer' Celebrations	15 <sup>th</sup> Sep. 2017
2	Activities for Celebrations of World Water Day : 1. Slogan writing competition 2. Declamation contest	World Water Day Celebrations	22 <sup>nd</sup> March 2018
3	Activities for Celebrations of International Earth Day 1. Signature Campaign to reduce the use of plastic 2. Scientific Poster exhibition and competition 3. Expert Lecture	International Earth Day Celebrations	19 <sup>th</sup> April 2018
4	Activities for Celebrations of Environment Day: 1. Tree plantation 2. Expert talk	Environment Day Celebrations	5 <sup>th</sup> June 2018
5	Conducted 6 days FDP sponsored by NITTR Chandigarh	Climate Change & Sustainable Infrastructure Development	4-9 <sup>th</sup> June 2018

**STC/FDP/WORKSHOP/ SYMPOSIA ATTENDED**

Sr. No	Name of Faculty	Name of STC/ FDP	Organized by	Date	
				From	To



Sr. No	Name of Faculty	Name of STC/ FDP	Organized by	Date	
				From	To
1	Dr. Renuka Gupta	Intelligent Management of Renewable Energy Technology	Electrical Engineering Department, YMCAUST, Faridabad	18 <sup>th</sup> Jan 2018	13 <sup>rd</sup> Jan 2018
2	Dr. Renuka Gupta	Climate Change & Sustainable Infrastructure Development	YMCAUST, Faridabad (NITTR Sponsored)	4 <sup>th</sup> June 2018	9 <sup>th</sup> June 2018

**FACULTY SERVING IN NATIONAL COMMITTEES, INTERNATIONAL COMMITTEES, EDITORIAL BOARDS**

**Dr. Renuka Gupta**

- Life member, Indian Nuclear Society (INS), Anushaktinagar (Mumbai)
- Life member, Biotechnology Research Society of India (BRSI), Trivandrum
- Life member, Indian Science Congress Association (ISCA), Kolkata
- Life member, National Environmental Science Academy (NESA), New Delhi
- Life member, Indian Society for Technical Education (ISTE), New Delhi Paper
- Coordinator, 'Ecosystem Structure and Function', e-PG Pathshala Programme, National Mission for Education through ICT, MHRD Project.



**DEPARTMENT OF HUMANITIES**



## DEPARTMENT OF HUMANITIES

The Department of Humanities is a multidisciplinary department with excellent academic and research profile comprising of MA (JMC) and faculty of English. The department intends to create well-rounded individuals ready to comprehend all challenges offered in the area of mass communication and journalism. It also enhances the interpretative and expressive skills of students.

### DEPARTMENT PROFILE

<b>UG Course:</b>	All Branches
<b>PG Course:</b>	MA(JMC)
<b>Ph.D.:</b>	Communication
<b>Target Students:</b>	35
<b>Total Number of Faculty</b>	06 Assistant Prof.
<b>Number of Ph.D.'s:</b>	03
<b>Average Experience of faculty:</b>	04 years (approx)
<b>Chairperson:</b>	<b>Prof. Raj Kumar</b>

### DEPARTMENTAL FACILITIES

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1	Labs	02
2	Workshops	Nil
3	Lecture Halls	01
4	Conference Room	Nil
5	Seminar Halls/Projector Rooms/Research Lab	01
6	Internet Connection	Yes (at every terminal)



## FACULTY PROFILE

S. No.	Name	Designation	Qualification	Area of Specialization	Total Experience (years)
1	Dr. Divyajyoti	Assistant Professor	Ph.D, NET	Literature	15
2	Dr. Taruna Narula	Assistant Professor	Ph.D	Communication	01
3	Ms. Amandeep Kaur	Assistant Professor	NET, MA(ENGLISH), MA(JMC)	Mass Communication	07
4	Ms. Reena Gewal	Assistant Professor	PhD	Literature	01
5	Ms. Mamta Bansal	Assistant Professor	MA(English), NET	Literature	02
6	Ms. Hitaishi Chaudhary	Assistant Professor	NET MA(JMC)	Mass Communication	01

## DEPARTMENTAL PUBLICATIONS &amp; FDP/STC

Sr. No.	Particular	Count
1	Publications in International Journals	02
2	Publications in National Journals	02
3	Publications in International Conferences	02
4	Publications in National conferences	02
5	STC/FDP	04



### PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL JOURNALS

Sr. No.	Name of Faculty	Title, Journal, Vol, Issue, Pages, Year
1	Dr. Divya Jyoti	<ol style="list-style-type: none"> <li>1. Towards identifying and ranking selected types of violence against women in North India, International Journal of Comparative and Applied Criminal Justice, Volume, 41, 2017, issue1-2.</li> <li>2. 'Debut of Digital Media and Crossing of the Rubicon of English Language'. International Journal Of Scientific Research. October 2015.</li> </ol>
2	Dr. Taruna Narula	<ol style="list-style-type: none"> <li>1. Studying the values in Text Books of Primary Classes, Chintan, Issue 27, April- June 2017, Page No 60-69,ISSN No 2229-7227</li> <li>2. Studying the magnitude and forms of exploitation of children in a slum in Delhi, IAHRW International Journal of Social Science Review, Volume 5,Issue 3,Sept 2017,Page No 369-373.</li> </ol>
3	Dr. Reena Grewal	<ol style="list-style-type: none"> <li>1. English Language: Challenges Teaching, Learning and Strategies in New Environment; ISSN-2277-517X Volume 6, No. 1, Jan-June 2017</li> </ol>

### PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES

Sr. No.	Name of Faculty	Authors, Title, Conference, Dates, year, Pages
1	Dr. Taruna Narula	<ol style="list-style-type: none"> <li>1. Taruna Narula, Communicative Function of text books in the socialisation of Children,6th Annual Conference JMComm by GSTF, 2017,9-10 October 2017, Singapore.</li> </ol>
2	Ms. Amandeep Kaur	<ol style="list-style-type: none"> <li>1. 'Popularity of Hariwood in the Delhi-NCR Region' at Rashtriya Media Sammelan Evam Filmotsav (RMSF-2017) organized by Department of Humanities and Sciences, YMCA University of Sciences and Technology, Faridabad in collaboration with Vishwa Samwad Kendra, Haryana on November 10 &amp; 11, 2017.</li> </ol>

### WORKSHOP/STC/INVITED TALKS/OTHER ACTIVITIES CONDUCTED

Sr. No.	Name of Activity	Title	Dates
1	A one day workshop	Film making on Mobile	13.03.2018
2	Seminar	Social Responsibility and Accountability of media	08.05.2018



Sr. No.	Name of Activity	Title	Dates
3	Invited Lecture	Role of Social Media in shaping Journalism	02.11.2018
4	Seminar	'Social Responsibility and Accountability of Media	08.05.2018
5	Expert Lecture	Behavioural Communication	17.04.2018
6	National Press Day	Seminar on "Role of Media in Contemporary India"	16.11.2017

**STC/FDP/WORKSHOP/ SYMPOSIA ATTENDED**

Sr.No.	Name of Faculty	Name of STC/ FDP	Organized by	Date	
				From	To
1	Divyajyoti Singh	Life Skills Development	NITTTR-YMCAUST, Fbd. Haryana	09.07.2018	13.07.2018
		Curriculum Development	NITTTR-YMCAUST, Fbd. Haryana	23.04.2018	27.04.2018
		Intellectual Property Rights	NITTTR-YMCAUST, Fbd. Haryana		
2	Dr Taruna Narula	One Week Short Term Course Climate change and sustainable Infrastructure Development	YMCAUST and Sponsored by NITTTR, Chandigarh	04.06.2018	09.06.2018
3	Amandeep Kaur	Workshop on Documentary and Short Film Making by Mobile Phone.	Department of Humanities and Sciences	13.03. 2018	13.03. 2018

**INVITED TALKS/LECTURES DELIVERED**

<b>Sr.No.</b>	<b>Name of Faculty</b>	<b>Topic of delivery</b>	<b>Venue</b>	<b>Date</b>
1	Dr. Divyajyoti Singh	Expert Speaker	Technical Session Additional Conference on Globalization & Sustainable Growth of business organised by PG Department of Commerce, DAV Centenary College, Faridabad	17.02.2017 to 18.02.2018
2	Amandeep Kaur	Media and Society	Aggarwal college, Faridabad	

**FACULTY SERVING IN NATIONAL COMMITTEES, INTERNATIONAL COMMITTEES, EDITORIAL BOARDS****Dr. Divyajyoti**

- Judge for English Debate at state level IGNIDEA 2017
- Expert at National Conference at D.A.V. Centenary College
- MPHIL Thesis examined for Department of Modern Indian Languages, Delhi University

**Dr. Taruna Narula**

- Member of Global Science and Technology Forum Singapore



# **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. The department also started MBA with specialisation SCM, TTM, E Commerce and Retail in the year 2017 with intake of 60 students. From this session (2018-21) the department has also introduced BBA general program. The intake of students in this program is 60.

#### **DEPARTMENT PROFILE**

<b>PG Course:</b>	MBA
<b>Target Students:</b>	Open for all graduates through Entrance Test
<b>Ph.D.:</b>	Management
<b>Total Number of Faculty:</b>	08 (02 Associate Prof. + 06 Assistant Prof.)
<b>Number of Ph.D.'s:</b>	05
<b>Average experience of faculty:</b>	13 years (Approx.)
<b>Dean &amp; Chairperson:</b>	<b>Dr. Arvind Gupta</b>

#### **DEPARTMENTAL FACILITIES**

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1.	Labs	01
2.	Lecture Halls	03
3.	Conference Room	01
4.	Seminar Halls/Projector Rooms/Research Lab	03
5.	Internet Connection	Internet facility for staff and students
6.	Any Other Facility	Staff provided with Laptop/Desktop



### FACULTY PROFILE

S. No.	Name	Designation	Highest Qualification with year	Area of Specialization	Total Experience (years)
1	Dr. Manisha Goel	Associate Professor	Ph.D (2008)	Finance	18
2	Dr. Rachna Agrawal	Associate Professor	Ph.D (2009)	Finance	16
3	Ms. Rupali Madan	Assistant Professor	M Phil (2010)	Marketing	12
4	Ms. Anushree Chauhan	Assistant Professor	M Phil (2009)	Human Resource	11
5	Ms. Neha Goyal	Assistant Professor.	MBA(2007)	Finance	11
6	Ms. Jyotsana Chawla	Assistant Professor	M Phil (2006)	Finance	11
7	Dr. Rajiv Sindwani	Assistant Professor	PhD (2017)	Marketing	13
8	Dr. Renu Aggarwal	Assistant Professor	Ph.D (2011)	Finance	15

### DEPARTMENTAL PUBLICATIONS & FDP/STC (01/07/2017 to 30/06/2018)

Sr. No.	Particular	Count
1.	Publications in International Journals	05
2.	Publications in International Conferences	01
3.	Publications in National conferences	01
4.	STC/FDP	04



**PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL JOURNALS**  
(1/07/2016 to 30/06/17)

S. No.	Name of Faculty	Title, Journal, Vol, Issue, Pages, Year
1	Rajiv Sindwani	Demographic Characteristics, Customer Satisfaction and Loyalty: An Empirical Study of Technology Based Self Service Banking Customers published in Prabhandan in December 2017.
2	Renu Aggarwal, and Monica Bhardwaj	An empirical study on effect of experience on consumer Adoption Intention towards internet Banking. Pacific Business Review International Volume 10 issue 4 october 2017 pp 31-38
3	Rupali Madan Dr.Rachna Agrawal Dr.Mitu G Matta	A Study of Comparison of Private and Public sector banks regarding various aspects of Relationship Marketing .International Journal of Customer Relations2018
4	Chawla J., Agrawal R., Sharma B.	ACritical Study of FDI in Indian Retail Sector: An Analysis of Impact on Stakeholders. Asian Journal of Management. Vol 9 , Issue (1), Jan- March 2018. ISSN No. 0976-495X
5	Anushree Chauhan, Dr Manisha Goel, Dr Ritu gandhi	Motivation among higher education academicians: A factor analytical Approach, Indira Institute of Management, Pune .Anveshak: International Journal of Management. Jan 2018

**PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES**  
(1/07/2017 to 30/6/2018)

S. No.	Name of Faculty	Authors, Title, Conference, Dates, year, Pages
01	Dr. Renu Aggarwal	Published a paper titled, “underwstanding the impact of demographics on Financial Attitude” in international Management conference on inclusive growth, good Governance Globalization and green future organized by FIIB New Delhi on 19-20Dec. 2017, pp91-99



**WORKSHOP/STC/INVITED TALKS/OTHER ACTIVITIES CONDUCTED  
(1.07.2017 TO 30.06.2018)**

S.No.	Activity	Date
1	Expert Lecture on “Challenges of Acquiring employability skills and Celebrating the teachers”	25 January 18
2	Expert Lecture on “Expectations of Corporate world for Management Students”	18 January 2018
3	Expert Lecture on “Management of Trade Unions & Industrial relations”	2 <sup>nd</sup> April 2018.
3	Expert lecture on “Monetary and Fiscal Policy”	5 <sup>th</sup> February 2018
4	Expert lecture on “Aviation Industry”	6 <sup>th</sup> February 2018
5	Workshop on “Life skills”	14 <sup>th</sup> March 2018
6	Expert lecture on “Law of Attraction”	15 <sup>th</sup> March 2018
7	Expert lecture on “Skills needed for corporate world”	9 <sup>th</sup> April 2018
8	Expert lecture on “Entrepreneurship Development”	29 <sup>th</sup> Jan 2018
9	Expert lecture on “Accounting for Corporates”.	5 <sup>th</sup> April 2018

**STC/FDP/WORKSHOP/ SYMPOSIA ATTENDED (1.07.2017 TO 30.06.2018)**

S.No.	Name of Faculty	Name of STC/ FDP	Organized by	Date	
				From	To
1	Dr Manisha Goel	Application of software for financial modelling and evaluation	KUK Kurukshetra	10 Feb. 2018	14 Feb 2018
2	Rupali Madan	Entrepreneurship Development	YMCAUST Faridabad	4 <sup>th</sup> Dec 2017	15 <sup>th</sup> Dec 2017
3	Anushree Chauhan, Dr Rachna Agrawal, Dr Manisha Goel	IPR & Patenting	NITTTR at YMCAUST	23 <sup>rd</sup> April 2018	27 <sup>th</sup> April 2018
4	Anushree Chauhan, Jyotsana Chawla Dr. Renu Aggarwal	Climate Change & Sustainable infrastructure development	NITTTR at YMCAUST	4 <sup>th</sup> June 2018	9 <sup>th</sup> June 2018



## LIST OF PH.D. COMPLETED

S. No.	Name of Faculty	Topic	Awarding Year	Institution
01	Neha Goyal	A study of Priority Sector Lending trends and practices of Indian Commercial Bank post scenario 2000	Dec 2017	YMCAUST, Faridabad

## OUTSTANDING ACHIEVEMENTS 2017-2018

Year	Name of Award / medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2018	Silver medal	Interuniversity competition	Relay Race, 1600 mtr race			Isha Bhadhana
2018	1 <sup>st</sup> prize	Pink Ribbon Art Festival, organized by sarvodya Hospital in collaboration with Breast Cancer foundation, India		Painting competition		Parul Aggarwal
2018	3 <sup>rd</sup> prize	Inter state quiz Competition, organized by Dept. Of Economics, DAV centenary college		Quiz Competition		Tanuj Bansal, Kumar Anand, Monika Rani.
2018	Gold Medal	Power lifting Competition, held at NGF College, Palwal	Powerlifting			Rohan Kundu
2018	Bronze Medal	Powerlifting, held at IIT Rorkee	Powerlifting			Rohan Kundu



**COMMUNITY COLLEGE OF  
SKILL DEVELOPMENT**



## COMMUNITY COLLEGE

### PRINCIPAL COMMUNITY COLLEGE: DR. SANJEEV GOYAL

#### OBJECTIVE

The Community College 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 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.

From the session 2018-19, the College has started a number of new skill development programmes such as certificate courses, Diploma in Vocation (D. Voc.), Advanced Diploma and Bachelor in Vocation (B. Voc.) under MoU with Godrej-Disha and Pardhan Mantri Kaushal Vikas Yojna.

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

#### DETAILS OF COURSES

S.No.	Course with discipline	Duration after Class 10 <sup>th</sup>	Intake	Eligibility	Job Role
1.	Certificate in Air Conditioning	1 Years	60	10 <sup>th</sup>	Assistant Technician
2.	Advanced Certificate in Air Conditioning	2 Years	60	10 <sup>th</sup>	Technician
3.	D. Voc. in Air Conditioning	3 Years	60	10 <sup>th</sup>	Supervisor
4.	Advanced Diploma in Air Conditioning	4 Years	60	10 <sup>th</sup>	Assistant Manager



5.	B. Voc. in Air Conditioning	5 Years	60	10 <sup>th</sup>	Manager
6.	Certificate in Basic Refrigeration & Air-Conditioning	15 Days	30	10 <sup>th</sup> OR ITI OR 8 <sup>th</sup> with 2 year experience in same field	Assistant Refrigeration and Air-conditioning Technician
7.	Certificate in Refrigeration Repairs	15 Days	30	10 <sup>th</sup> OR ITI OR 8 <sup>th</sup> with 2 year experience in same field	Assistant Refrigeration Technician
8.	Certificate in Air-Conditioning Repairs	15 Days	30	10 <sup>th</sup> OR ITI OR 8 <sup>th</sup> with 2 year experience in same field	Assistant AC Technician
9.	Advanced certificate in Refrigeration & Air Conditioning	1 Month	30	10 <sup>th</sup> OR ITI OR 8 <sup>th</sup> with 2 year experience in same field	Refrigeration and Air-conditioning Technician
10.	Certificate in Basics in Washing Machine & Microwave	15 Days	30	10 <sup>th</sup> OR ITI OR 8 <sup>th</sup> with 2 year experience in same field	After sales Service Technician
11.	Certificate in Basic Home Appliance Training	15 Days	30	10 <sup>th</sup> OR ITI OR 8 <sup>th</sup> with 2 year experience in same field	Assistant Field Technician – Other Home Appliances
12.	Advanced Certificate in Washing Machine & Microwave	1 Month	30	10 <sup>th</sup> OR ITI OR 8 <sup>th</sup> with 2 year experience in same field	Field Technician
13.	Advanced Certificate in Home Appliances Training	3 Months	30	10 <sup>th</sup> OR ITI OR 8 <sup>th</sup> with 2 year experience in same field	Field Technician – Other Home Appliances
14.	Certificate in Electrician	1 Year	50	10 <sup>th</sup>	Assistant Electrician



15.	Diploma in Electrician	2 Years	50	10 <sup>th</sup> , 12 <sup>th</sup> OR ITI	Construction Electrician
16.	Certificate in Fitter	6 Months	30	10 <sup>th</sup>	Fitter
17.	Certificate in Machinist	6 Months	30	10 <sup>th</sup> , 12 <sup>th</sup> OR ITI	Machine Operator/ Supervisor
18.	Certificate in Turner	6 Months	30	10 <sup>th</sup>	Machine Operator/Turner
19.	Certificate in Tool & Die Maker	6 Months	30	10+2 in any Stream	Fitting & Assembly Technician
20.	Certificate in CNC Machining Technology	6 Months	30	10+2 in any Stream	Machining Technician
21.	Certificate in Tally with GST	3 Months	30	10+2 in any Stream	Accounts Executive - Accounts Payable and Receivable
22.	Certificate in PLC and SCADA	6 Months	30	10+2 in any Stream	Automation Technician
23.	Certificate in Beautician	6 Months	30	8 <sup>th</sup>	Skin Care Services
24.	Certificate in Mobile Repair & Maintenance	3 Months	30	10 <sup>th</sup>	After Sales Services
25.	Certificate in CNC Turning	3 Months	30	10 <sup>th</sup> / ITI	Assistant to CNC Operator
26.	Certificate in Arc Welding	3 Months	30	10 <sup>th</sup> / ITI	Assistant to Welding Technician
27.	Certificate in Assistant Electrician	3 Months	30	10 <sup>th</sup> / ITI	Assistant to Electrician
28.	D. Voc. In Web Designing	1 Year	30	10+2 in any Stream	Web Developer
29.	D. Voc. In Computer Software, Hardware & Networking	1 Year	30	10+2 in any Stream	Domestic Data Entry Operator
30.	D. Voc. In Yoga Science	1 Year	60	10 <sup>th</sup> OR 10+2 in any Stream	Yoga Teacher

**Course during the year 2017-2018**

<b>Course</b>	<b>Duration</b>	<b>Students Admitted</b>
Diploma in Electrician	2017-2018	23



**PLACEMENT DETAILS (UPTO JUNE 2018)**

<b>Course</b>	<b>Duration</b>	<b>Students admitted</b>	<b>Students passed</b>	<b>Placement</b>
Diploma in Electrician	2017-2018	23	16	15



**AFFILIATING COLLEGE**



**LIST OF COLLEGES OF PALWAL AND FARIDABAD  
AFFILIATING TO THE UNIVERSITY**

1. Aravali College of Engineering & Management, Jasana-Tigaon Road, Jasana, Faridabad.
2. B.S. Anangpuria Institute of Technology & Management, Vill. Alampur, Ballabgarh Sohna Road, Faridabad
3. Delhi Engineering College, Vill. Ladiyapur, Ballabgarh, Sohna Road, Faridabad.
4. Delhi Institute of Technology, Management & Research, Vill. Firojpur Kalan, Sohna Road, Faridabad.
5. Echelon Institute of Technology, Village-Kabulpur, Kheri Manjhawali Road, Neharpar, Faridabad
6. Ishwar Institute of Technology & Research, Village- Ghurasan, Post Office Tigaon Ballabgarh, Faridabad
7. J.B. Knowledge Park, Khari-Manjhawali Road, Nehar Par, Vill Manjhawali, Faridabad
8. Pt. L.R. College of Technology, Technical Campus, Kaboolpur Banger, Sohna Samaypur Road, Near sector 56, Ballabgarh, Faridabad.
9. Rawal Institute of Engineering & Technology, Sohna Road, Near Vill. Zakopur, Ballabgarh, Faridabad.
10. Satyug Darshan Institute of Engineering & Technology, Bhupani-Lalpur Road, Bhupani, Faridabad.
11. Advanced College of Technology & Management, 70 KM, Delhi Mathura Road, Vill. Aurangabad, Teh. Hodal, Distt. Palwa.
12. Advanced Institute of Technology & Management, 70 KM, Delhi Mathura Road, Vill. Aurangabad, Teh. Hodal, Distt. Palwa.
13. Applied College of Management & Engineering, 72 KM Stone, DelhiMathura Road, NH-2, Mitrol, Palwal.
14. Delhi College of Technology & Management, 77 K.M. Stone, NH-2, Gudhrana, Palwal.
15. NGF College of Engineering & Technology, 71st K.M. Stone, DehiMathura Highway, NH-2, Palwal
16. Rattan Institute of Technology & Management, 79 K.M. Stone, NH-2, Mundkati Chock Saveli, Palwal.
17. Satya College of Engineering & Technology, 72 K.M. Stone, DelhiMathura Road, NH-2, Distt. Palwal.
18. Shri Ram College of Engineering & Management, 70 K.M. Stone, DehiMathura Road, NH-2, Palwal.



**NAME OF THE COLLEGE:** **ARAVALI COLLEGE OF ENGINEERING & MANAGEMENT, PALWAL**

**NAME OF THE PRINCIPAL:** **DR. SURESH KUMAR JINDAL**

UG Courses: Computer Science & Engineering,  
Mechanical Engineering  
Electronics & Electrical Communication Engineering  
Civil Engineering,

PG Courses: NA

Events: 1. Workshop on Networking by NETWORK BULLS, September 2017  
2. Workshop on Hybrid Mobile Application Development by KVCH, October 2017  
3. Industrial Visits to HUAWEI, Gurgaon  
4. Industrial visit at COCA COLA

**NAME OF THE COLLEGE:** **B.S. ANANGPURIA INSTITUTE OF TECHNOLOGY & MANAGEMENT, FARIDABAD**

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

UG Courses: Computer Science & Engineering,  
Electronics & Communication Engineering,  
Mechanical Engineering,  
Information Technology,  
Civil Engineering,  
BBA,  
BCA

PG Courses: MBA

Events: 1. Workshop on “ Design of Personalized 8051” on 16<sup>th</sup> Jan’ 2018  
2. Workshop on “Industrial oriented VLSI” in collaboration with Future Wiz, Noida on 1<sup>st</sup> & 2<sup>nd</sup> Feb’ 2018.  
3. Sports Meet 2018 on 22<sup>nd</sup> & 23<sup>rd</sup> Feb’ 2018.



**NAME OF THE COLLEGE:** **DELHI INSTITUTE OF TECHNOLOGY,  
MANAGEMENT & RESEARCH, FARIDABAD**

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

UG Courses: Electronics & Communication Engineering  
Computer Science & Engineering  
Mechanical Engineering  
Electrical Engineering  
Civil Engineering  
BBA

PG Courses Computer Science & Engineering  
Mechanical Engineering

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

**NAME OF THE PRINCIPAL:** **DR. PRAVEEN PANDEY**

UG Courses: Electronics & Communication Engineering  
Computer Science & Engineering  
Mechanical Engineering  
Electrical Engineering  
Civil Engineering  
BBA  
BCA

PG Courses Computer Science & Engineering  
Mechanical Engineering



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

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

UG Courses: Electronics & Communication Engineering  
Computer Science & Engineering  
Mechanical Engineering  
Electrical Engineering  
Civil Engineering

PG Courses: NA

Events: --

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

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

UG Courses: Electronics & Communication Engineering  
Computer Science & Engineering  
Mechanical Engineering  
Automobile Engineering  
Civil Engineering

PG Courses Computer Science & Engineering  
Machine Design  
Signal Processing

Events: --



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

**NAME OF THE PRINCIPAL:** **DR. BHUPESH KUMAR SINGH**

UG Courses: Computer Science & Engineering,  
Electronics & Communication Engineering,  
Mechanical Engineering,  
Civil Engineering,  
Electronics Engineering,  
BBA

PG Courses: NA

Events: 1. British Parliamentary Debate  
2. Sports Event – Samarth 2K17  
3. Robo Fest – Inter College

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

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

UG Courses: Computer Science & Engineering,  
Mechanical Engineering,  
Civil Engineering  
Electrical & Electronics Engineering

PG Courses: Computer Science & Engineering,  
Mechanical Engineering,  
Electronics & Communication Engineering,  
MBA  
MCA

Events: 1. Induction Program  
2. Assessment test  
3. Workshop on ROBOTICS



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

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

UG Course:                        Electronics & Communication Engineering,  
Computer Science & Engineering,  
Mechanical Engineering,  
Information Technology

PG Courses:                        Computer Science & Engineering,  
Mechanical Engineering,  
Electronics & Communication Engineering,  
MBA  
MCA

Events:                            1. Induction Program  
  2. Assessment test  
  3. Workshop on ROBOTICS

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

**NAME OF THE PRINCIPAL:       DR. IQBAL AHMED KHAN**

UG Courses:                        Mechanical Engineering,  
Computer Science & Engineering,  
Civil Engineering,  
Electronics & Communication Engineering,  
BBA

PG Courses:                        Computer Science & Engineering,  
Mechanical Engineering,  
Electronics & Communication Engineering,  
MBA

Events:                            1. Fresher's Party held on 14<sup>th</sup> September 2017.  
  2. 'TENCH' Technical Fest held on 17.11.2017  
  3. Alumni Meet held on the month of December 2017



**NAME OF THE COLLEGE:** **NGF COLLEGE OF ENGINEERING & TECHNOLOGY, PALWAL**

**NAME OF THE PRINCIPAL:** **DR. SHARAT KAUSHIK**

UG Courses: Civil Engineering,  
Computer Science & Engineering,  
Electronics Engineering,  
Electronics & Communication Engineering,  
Fashion Apparel Engineering,  
Mechanical Engineering,  
BBA

PG Courses: Electronics & Communication Engineering,  
Computer Science & Engineering,  
Mechanical Engineering,  
MBA

Events: --

**NAME OF THE COLLEGE:** **RATTAN INSTITUTE OF & ENGINEERING, PALWAL**

**NAME OF THE PRINCIPAL:** **DR. RAJENDER SINGH**

UG Courses: Computer Science & Engineering,  
Electronics Engineering,  
Electronics & Communication Engineering,  
Mechanical Engineering,  
Mechanical & Automation Engineering,  
Civil Engineering  
BBA

PG Courses: Structural Engineering  
Manufacturing & Automation Engineering  
Computer Science & Engineering  
MBA

Events: 1. ATHELETE MEET (OCTOBER 2017)  
2. World Food Day Seminar (October 2017)  
3. Annual Day Celebration on (March 2018)



**NAME OF THE COLLEGE:** **SATYA COLLEGE OF ENGINEERING, & TECHNOLOGY, PALWAL**

**NAME OF THE PRINCIPAL:** **DR. ASHISH BHOWMICK**

UG Courses: Computer Science & Engineering,  
Electronics & Communication Engineering,  
Electrical & Electronics Engineering,  
Mechanical Engineering,  
Civil Engineering,  
BBA

PG Courses: Mechanical Engineering,  
Computer Science & Engineering,  
Electronics & Communication Engineering,  
MBA

Events: --

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

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

UG Courses: Computer Science & Engineering  
Electronics & Communication Engineering  
Mechanical Engineering  
Civil Engineering

PG Courses: Computer Science & Engineering  
Computer Science and Engineering,  
Electronics & Communication Engineering,  
Mechanical Engineering  
Civil Engineering

Events: 1. International Conference NFSET 2018 with the collaboration of DTU.  
2. National Conference Recent Trends in Engineering, Science and Management", "NCRTESM 2017".  
3. Workshop On Quantitative Techniques & Research Methodology, 2017.  
4. Established BioFuel Lab in college campus.  
5. First position in Faridabad Industrial Association Project Exhibition 2018.



**DEAN STUDENT WELFARE  
STUDENTS' ACTIVITIES**



**DR. NARESH CHAUHAN (DEAN STUDENT WELFARE)**

**DR. SONIA BANSAL (DEPUTY DEAN STUDENT WELFARE)**

**DETAILS OF STUDENT'S CLUBS:**

**CULTURAL CLUBS**

S. No.	Club	Faculty Coordinator	Secretaries	Joint Secretaries
1	Ananya	Ms. Jyoti	Vasu Garg Rhidadm Shrivastava	Mahi Verma Anshul Sharma Anshul Koul
2	Nataraja	Ms. Rashmi Popli	Kushal Sharma Payal Malik Aman Mehla Jasmeet Sarao	Kapil Yadav Asha Singh Bhawna Indora Randeep Panjeta Anmol Prashar
3	Srijan	Dr. Preeti Sethi	Sanubhav Khokhar Nishtha Sethi Sushant Sharma	Prerna Rathee Satyam Chandra Muskan Gupta
4	Vividha	Ms. Sangeeta Dhall	Sonalika Singh Divya Monga Nupur Bhatti Randeep Rao Nishant Chetiwal	Jyotsna Munjal Abhishek Ranjan Karan Goel Harsh Goel
5	Jhalak	Mr. Umesh Kumar	Sidharth Mehta Ayushi Garg Jatin Bansal Rahul Gusai	Meenakshi Mandi Jayant Jangra Aditi Kamboj Hiteshwar Mehla
6	Tarannum	Ms. Jyotsana Chawla	Karan Handa Sudha Jain Aditya Mehra Anamika Bhadauriya	Ashu Sahrawat Sakshi Nigam
7	Vivekanand Manch	Dr. Pradeep Dimri	Vinit Jindal Abhinandan Garg Gautam Goyal Amandeep Saini	Abhishek Saroha Sumedha Saini Divyansh Sangal Harsh Rohilla



### TECHNICAL CLUBS

S. No.	Club	Faculty Coordinator	Secretaries	Joint Secretaries
1	Manan	Mr. Harish Kumar	Vipin Khushu	Naman Sachdeva
			Ayushi Mittal	Hemant Bansal
			Sameer Taneja	Gaurav Yadav
2	Microbird	Mr. Mukesh Kumar	Sushant Gawri	Yavika
			Ashish Sharma	Madhur
			Gaurav Kaushik	Amit
			Kshitiz Minocha	
3	Mechnext	Mr. Sanjay Kumar	Darvinder Singh Bedi	Manjeet Lather
			Shubham Saini	Gaurav Pal
			Saurabh Aggarwal	Divanshu Kapoor
4	Samarpan	Ms. Rachna Dhir	Gaurav Kumar	Sahil Kapoor
			Pranshu Gupta	Sanyam Grover
			Kartik Kapoor	Anisha Raheja
5	IEEE	Mr. Ved Pal	Saumya Rastogi	Sumit Prasad
			Nikita Malpani	Saikat Kuila
				Sahil Jain
6	SAE Collegiate Club	Mr. Mukesh Gupta	Udit Setia	Gautam Singh
			Kamalpreet Kaur	Piyush Marwah
			Nitin Sharma	Sachin

### SPORTS CLUB

S. No.	Club	Faculty Coordinator	Secretaries	Joint Secretaries
1	Eklavya	Mr. Shailender Gupta	Sunil Kumar	Manav Sethi
			Aman Kumar	Manish Kumar
			Sahil Kasana	Ajayender Sorout
			Rohit Lamba	



**CLUBS ACHIEVEMENTS:**

**ANANYA**

Sr.No	Event Name	Event Date	Venue	PRIZE
1	Model United Nations (Debating)	06.01.2018 - 07.01.2018	ITS, Ghaziabad	
2	Model United Nation	02.2.2018 - 03.02.2018	Kirori Mal College Delhi	
3	Model United Nation	03.02.2018 - 04.02.2018	Delhi Technological University Rohini	
4	Model United Nations	03.02.2018 - 04.02.2018	Satyakam Bhawan. New Social Science Building, Faculty of Arts Opposite Dault Ram College, North Campus, New Delhi	First Prize
5	Model United Nation	09.02.2018 - 10.02.2018	Deen Dayal Upadhyaya College Dwarka	
6	Model United Nations	10.02.2018 - 11.02.2018	DU Mock Indian Parliament at Hansraj College, Delhi	First Prize
7	Model United Nations	17.02.2018 - 18.02.2018	Kirori Mal Youth Parliament	First Prize
8	Youth Conclave	10.03.2018 - 11.03.2018	Ymca	
9	Model United Nation	17.03.2018 - 18.03.2018	Vivekanand Institute Of Professional Studies	
10	Model United Nation	31.03.2018 - 01.04.2018	S.G.T.B Khalsa College University of Delhi	
11	Model United Nation	07.04. 2018	JNU Delhi	

**DETAILS OF ACTIVITIES CONDUCTED WITHIN UNIVERSITY**

S No	Event	Date of conduct	Occasion, if any	Participants
1	JAM	12.04.2018 - 14.04.2018	The Cultural and technical Fest, Elements Culmyca	
2	Witzwilla	12.04.2018 - 14.04.2018	The Cultural and technical Fest, Elements Culmyca	
3	Alphaaz	12.04.2018 - 14.04.2018	The Cultural and technical Fest, Elements Culmyca	
4	Insurrection	12.04.2018 - 14.04.2018	The Cultural and technical Fest, Elements Culmyca	
5	Big Fact Hunt	12.04.2018 - 14.04.2018	The Cultural and technical Fest, Elements Culmyca	
6	Kavyotsav	12.04.2018 - 14.04.2018	The Cultural and technical Fest, Elements Culmyca	



### DETAILS OF MEDALS /AWARDS WON BY STUDENTS IN CULTURAL ACTIVITIES

S No.	Name of student	Activity	Award details	Whether State/ University/ National/ International level
1	AnushaYadav	Debate competition	Best Speaker	Lady Hardinge Medical College
2	BhaaratPannu	LokSabha (YP)	High Commendation	Poornima University Jaipur
3	BhaaratPannu	National Policy Conclave	Special mention	JNU
4	AnshulKaul	CONFERO MUN	High Commendation	SGTB Khalsa
5	AnshulKaul	MUN	Best Parliamentarian	KiroriMal,Delhi
6	AnshulKaul	Youth Parliament	Best Parliamentarian	Delhi University
7	BhaaratPannu	Youth Parliament	High Commendation	Delhi University
8	BhaaratPannu	Sansad	Best Delegate	NSUI
9	AnshulKaul	Sansad	Special Mention	NSUI
10	Chim Sharma	Shipwreck	First Prize	DTU
11	AditiUtreja	Shipwreck	Verbal Mention	DTU
12	Tanisha Tyagi	Slam Poetry	Second Postion	Gargi, Delhi
13	BhaaratPannu	MUN	Best Delegate	SRM University
14	BhaaratPannu	MUN (PrajapatiSangraham)	Best Delegate	ITS Ghaziabad
15	AnshulKaul	MUN (PrajapatiSangraham)	Best Delegate	ITS Ghaziabad
16	BhaaratPannu	MUN	Best Delegate	JSS
17	Anshulkaul	MUN	Honourable mention	JSS
18	Alisha Khurana	Open Mic	2 <sup>nd</sup> Prize	Vivekananda college
19	AyushiDwivedi	Rendezvouz	2 <sup>nd</sup> position (slam poetry)	IIT Delhi
20	MahiVerma	Rendezvouz	3 <sup>rd</sup> position (JAM)	IIT Delhi
21	Alisha Khurana	Debate	2 <sup>nd</sup> postion	BhagwanParshuram Institute of Technology
22	NamanChugh	Debate	2 <sup>nd</sup> position	BhagwanParshuram Institute of Technology
23	AnshulKaul	JAM	3 <sup>rd</sup> position	BhagwanParshuram Institute of Technology



24	Anshul Sharma	JAM	3 <sup>rd</sup> position	BhagwanParshuram Institute of Technology
25	MahiVerma	JAM	2 <sup>nd</sup> position	BhagwanParshuram Institute of Technology
26	MahiVerma	Group discussion	3 <sup>rd</sup> position	BhagwanParshuram Institute of Technology
27	AayushiDwivedi	Slam Poetry	3 <sup>rd</sup> prize	Little letters linked, HauzKhaz
28	Tanisha Tyagi	Group Discussion	2 <sup>nd</sup> position	KR Mangalam
29	NamanChugh	Group Discussion	2 <sup>nd</sup> position	KR Mangalam
30	AditiUtreja	Group Discussion	2 <sup>nd</sup> position	KR Mangalam
31	HarshitMakhija	Group Discussion	2 <sup>nd</sup> position	KR Mangalam
32	Chim Sharma	News reporting	1 <sup>st</sup> position	KR Mangalam
33	BhaaratPannu	Youth Parliament	Best Delegate	CNN

**SRIJAN**

**DETAILS OF ACTIVITIES CONDUCTED WITHIN UNIVERSITY**

S. No.	Date of conduct	Occasion, if any	Participants
1.	24.03.2017 - 26.03.2017	Culmyca'17	-
2.	02.09.2017	Workshop'17	180
3.	16.09.2017	Reizo'17	-
4.	18.09.2017 - 20.09.2017	Auditions'17	257
5.	12.04.2018 - 14.04.2018	Culmyca'18	-

**DETAILS OF ACTIVITIES CONDUCTED OUTSIDE THE UNIVERSITY**

S. No.	Date of conduct	Occasion, if any	Participants
1.	14.10.2017 - 17.10.2017	Rendezvous'17	50
2.	27.10.2017 - 29.10.2017	PECFEST'17	15

**NUMBER OF STUDENTS PARTICIPATED IN CULTURAL ACTIVITIES**

State/ University level	National level	International level
60	-	-



### NUMBER MEDALS / AWARDS WON BY STUDENTS IN CULTURAL ACTIVITIES

State/ University level	National level	International level
30	-	-

### DETAILS OF MEDALS /AWARDS WON BY STUDENTS IN CULTURAL ACTIVITIES

S No.	Name of student	Activity	Award details	Whether State/ University/ National/ International level
1.	Vaishali	Poster Making (Womens Day)	First	University
2.	Rajat Chopra	Poster Making (Womens Day)	Third	University
3.	Archana	Slogan Writing (Womens Day)	First	University
4.	Dipali Vaishali	Off Brush Culmyca'17	First	University
5.	Twinkle Neha	Off Brush Culmyca'17	Second	University
6.	Paras Pooja	Off Brush Culmyca'17	Third	University
7.	Rajat Chopra Khusboo	T-shirt Painting Culmyca'17	First	University
8.	Lovika Grover Priya Sharma	Face Painting Culmyca'17	Third	University
9.	Rajat Chopra Nishtha Sethi Muskan Gupta	Wall Scrawl Culmyca'17	First	University
10.	Lovika Grover Prerna Rathee Priya Sharma Satyam Chandra	Wall Scrawl Culmyca'17	Second	University
11.	Satyam Chandra	2 Shades Rendezvous'17	Second	University
12.	Sushant Sharma Sakshi Chandna	Graphic-O-Rama Rendezvous'17	Second	University
13.	Priya Sharma	Logo Design Rendezvous'17	Third	University
14.	Inderjeet Singh Sakshi Chandna	Off Brush PECFEST'17	First	University
15.	Inderjeet Singh Nitin Jayati	Graffiti PECFEST'17	First	University
16.	Inderjeet Singh Nitin	Muzart PECFEST'17	First	University
17.	Ayush Sinha	Poster Making Vigilance	First	University



		Awareness Week		
18	Pankaj Bora	Poster Making Vigilance Awareness Week	Second	University
19.	Parul	Poster Making Vigilance Awareness Week	Third	University
20.	Paras Lamba	2 Shades Culmyca'18	First	University
21.	Sanchit	2 Shades Culmyca'18	Second	University
22.	Archana	2 Shades Culmyca'18	Third	University
23.	Sagar Tanya	Shoe Painting Culmyca'18	Second	University
24.	Om Saurabh	Shoe Painting Culmyca'18	Third	University
25.	Maninder Singh Inderjeet Singh Paras Lamba Sachin Arya	Wall Scrawl Culmyca'18	First	University
26.	Lovelesh Vaishali Dipali Yadav Yash	Wall Scrawl Culmyca'18	Second	University
27.	Shubham Sakshi Chandna Sanchit Anurag	Wall Scrawl Culmyca'18	Third	University
28.	Vaishali Parul	Tattoo Making Culmyca'18	First	University
29.	Vansheen Yamini	Tattoo Making Culmyca'18	Second	University
30.	Komal	Tattoo Making Culmyca'18	Third	University

**VIVEKANAND MANCH**

Sr.No	Event Name	Event Date	Venue
1	Swami Dayanand Jayanti	12.02.2018	Auditorium
2	Water Conservation	13.03.2018	YMCA

**VIVIDHA**



Sr.No	Event Name	Event Date	Venue
1	AIU (Association of Indian University)	12.01.2018 - 15.01.2018	Maharishi Markandeshwar Deemed University, Mullana, Ambala
2	Inter University National Youth Festival	16.02.2018 - 20.02.2018	Ranchi University Ranchi Jharkhand
3	Association of Indian University	16.02.2018 - 20.02.2018	Ranchi University Ranchi Jharkhand

**MANAN**

Sr.No	Event Name	Event Date	Venue	Remarks
1	International Hackathon	7 <sup>th</sup> July to 8 <sup>th</sup> July 2018	Jaipur	Position in Top 10

**DETAILS OF ACTIVITIES CONDUCTED WITHIN UNIVERSITY**

S. No.	Date of conduct	Occasion/Activity	Participants
1.	August 9, 2017	Session on Bit Manipulation	32
2.	August 22, 2017	Session on Google Firebase	20
3.	August 22, 2017 - September 1, 2017	Mr & Ms Technocrat on Foundation Day cum Freshers' Party	300
4.	September 4-8-18, 2017	Manthan	300
5.	September 16, 2017	DSW Website Launch at Reizo' 17	-
6.	October 3, 2017	Headstart for Machine Learning	25
7.	October 4, 2017 - present	An Algo A Day - Initiative by Manan	15
8.	October 5, 2017	Session on Basics of C in collaboration with KSS	70
9.	October 5, 2017	Session on Graph Theory	50
10.	October 24-25, 2017	2 Day Workshop Session on Node.JS - Code Relay	50
11.	October 31, 2017	Front End Development using Bootstrap and CSS Animations - Code Relay	60
12.	November 2-3, 2017	Getting Started with Django - A Web Development Framework - Code Relay	50
13.	November 6, 2017	Intro to Competitive Programming for Beginners - Code Relay	50
14.	November 7, 2017	Session on Linked Lists - Code Relay	45
15.	November 8, 2017	Session on Number Theory - Code Relay	50
16.	November 9, 2017	Introduction to Git and Github - Code Relay	50
17.	November 10, 2017	Session on Binary Trees - Code Relay	35



18.	November 11, 2017	Workshop on Android Development	70
19.	February 24, 2018	Code Cadet VI	40
20.	February 26, 2018	Session on Domains and Paths in Computer Science	45
21.	March 13, 2018	Session on String Pattern Matching	35
22.	March 15, 2018	Code Cadet VII	89
23.	March 20, 2018	Intro to Blockchain and Cryptocurrency	40
24.	April 14,2018	CodeXplod	46
25.	April 12,2018	Code Wars	43
26.	April 13,2018	Code Golf	46
27.	April 14,2018	Treasure Hunt	85
28.	April 12,2018	PS4 Gaming	80
29.	April 12,2018	LAN Gaming	78
30.	April 7,2018	Xunbao	307
31.	April 8,2018	HackOn	120
32.	April 13,2018	WYSIWYG Challenge	63
33.	May 11, 2018	Code Cadet VIII	109
34.	June 11, 2018	Code Cadet IX	104
35.	June 24, 2018	Code For YMCA	61

**NUMBER OF STUDENTS PARTICIPATED IN TECHNICAL ACTIVITIES**

State/ University level	National level	International level
500+	48	0

**NUMBER OF MEDALS /AWARDS WON BY STUDENTS IN TECHNICAL ACTIVITIES**

State/ University level	National level	International level
50+	1	0

**DETAILS OF MEDALS /AWARDS WON BY STUDENTS IN TECHNICAL ACTIVITIES**

S No.	Name of student	Activity	Award details	Whether State/ University/ National/ International level
1.	Rishabh,Shubham Sharma, Subham Kachroo	Andy App Competition	First Prize	State level
2.	Naman Sachdeva, Riya Khazanchi, Aditya Kumar	Code Off	Special Mention	Regional
3.	Ayushi Mittal, Amritasha Agrawal	Angelhack – Lady Problems	First Prize	Regional



### MICROBIRD

#### DETAILS OF ACTIVITIES CONDUCTED WITHIN UNIVERSITY

S. No.	Date of conduct	Occasion, if any	Participants
1.Escalade prelims	9.07.17	Escalade6.0	50
2.Shadow wall	17.09.17	Freshers	
3.Hit the wall		Freshers	Open contest
4.Exhibition	26.11.17	NBA visit	50
5.Catch them all	14.04.18	Fest	7
6.Dead lift	13.04.18	Fest	5
7.lumostanza	12.04.18	Fest	35
8.laser paino	13.04.18	Fest	20
9.Tech chef	13.04.18	Fest	
10.BOt Futbol	12.04.18	Fest	
11.Black Out	12.0418	Fest	
12.Exhibition	20.04.18	Industrial conckave	

#### NUMBER OF STUDENTS PARTICIPATED IN TECHNICAL ACTIVITIES

State/ University level	National level	International level
17	-	-

#### NUMBER OF MEDALS /AWARDS WON BY STUDENTS IN TECHNICAL ACTIVITIES

State/ University level	National level	International level
2	-	-

#### DETAILS OF MEDALS /AWARDS WON BY STUDENTS IN TECHNICAL ACTIVITIES

S No.	Name of student	Activity	Award details	Whether State/ University/ National/ International level
1	Nitin Bindal	Escalade	Second runner up	University level
2	Yashika Garg	Escalade	Second runner up	University level

**EKLAVYA CLUB****SPARDHA' 17 (26.10.2017 – 29.10.2017)**

Sr.No	Student Name	Event	Position
1	Satish	49kg category Boxing	2 <sup>nd</sup>
2	Monender Singh	60kg category Boxing	2 <sup>nd</sup>
3	Vineet	64kg category Boxing	3 <sup>rd</sup>
4	Susheel	69kg category Boxing	3 <sup>rd</sup>
5	Dhruv	75kg category Boxing	3 <sup>rd</sup>
6	Kush	91kg category Boxing	1 <sup>st</sup>
7	Abhisheak	91+kg category Boxing	2 <sup>nd</sup>
8	Rohan Kundu	59kg category Boxing	3 <sup>rd</sup>
9	Anubhav	55kg category Boxing	3 <sup>rd</sup>

**SPORTECH 18 (23.02.2018 – 26.02.2018)**

EVENT	POSITION
4x100 Meter	3 <sup>RD</sup>
Long Jump	2 <sup>nd</sup>
4x400 Meter	3 <sup>rd</sup>
Javelin Throw	3rd
200 m	2 <sup>nd</sup>
Shot Put	3rd



Inter- College Basketball, Volleyball and Football Tournament, Palwal (16.11.2017 - 17.11.2017)

Inter College Kabaddi tournament was organised at DCTM, Palwal. The events were inaugurated by Dr. Rajesh Bharadwaj, Sports Officer of the University. The events took place in DCTM Ground. Various colleges affiliated to YMCA University participated in the Tournament. Trophy and Medals were awarded to top three teams of the tournament of every event. The University team won the overall trophy of the Tournament in boys and girls category and stood first in the events.

<p><b>Position Holders : Basketball (Boys)</b> 1st Position : YMCA, Faridabad</p> <ol style="list-style-type: none"> <li>1. Rishabh Dev Mishra</li> <li>2. Harshit</li> <li>3. Harvinder Chahal</li> <li>4. Robin</li> <li>5. Monu</li> <li>6. Ashish Yadav</li> <li>7. Tarun Chauhan</li> <li>8. Sunny Singh</li> <li>9. Prateek Malhotra</li> <li>10. Rahul Rathee</li> <li>11. Manav Sethi</li> <li>12. Mayank Grover</li> </ol>	<p><b>Position Holders : Basketball (Girls)</b> 1st Position : YMCA, Faridabad</p> <ol style="list-style-type: none"> <li>1. Pragati</li> <li>2. Savina</li> <li>3. Shivangi Chauhan</li> <li>4. Rimjim</li> <li>5. Renu Purohit</li> <li>6. Muskan Bhadana</li> <li>7. Annu Devi</li> <li>8. Sakshi</li> <li>9. Sailena</li> <li>10. Priya Yadav</li> <li>11. Monika</li> <li>12. Isha Bhadana</li> </ol>
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<p><b>Position Holders : Volleyball (Boys)</b> 1st Position : YMCA, Faridabad</p> <ol style="list-style-type: none"> <li>1. Deepak Badan</li> <li>2. Umesh</li> <li>3. Arun Khokhar</li> <li>4. Tarun</li> <li>5. Amit Rana</li> <li>6. Deepak Bhambhu</li> <li>7. Ujjawal</li> <li>8. Ajayender</li> <li>9. Himanshu</li> <li>10. Anirudh</li> <li>11. Karan Verma</li> <li>12. Chetan</li> </ol>	<p><b>Position Holders : Volleyball (Girls)</b> 1st Position : YMCA, Faridabad</p> <ol style="list-style-type: none"> <li>1. Anshika Chaudhary</li> <li>2. Swati Singh</li> <li>3. Taruna</li> <li>4. Neelam Chaudhary</li> <li>5. Sobha Sharma</li> <li>6. Amrit kaur</li> <li>7. Ankita Dhiman</li> <li>8. Divya sharma</li> <li>9. Meghna</li> <li>10. Astha</li> <li>11. Kajal</li> </ol>
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<p><b>Position Holders : Football (Boys)</b> 1st Position : YMCA, Faridabad</p> <ol style="list-style-type: none"> <li>1. Mohit Kadian</li> <li>2. Sagar Jangra</li> <li>3. Jayant Rana</li> <li>4. Ankur</li> <li>5. Ankur Panchal</li> <li>6. Manish Kumar</li> <li>7. Lakshay Bhardwaj</li> <li>8. Bharat Pant</li> </ol>
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9. Jaikant
10. Saurabh Yadav
11. Rohit
12. Himanshu Jangra
13. Vishal Prasad
14. Sunil
15. Mayank Vaidya
16. Rahul Singh

### OTHER ACTIVITIES

- Organised 71<sup>st</sup> Independence Day on 15.08.2018
- Organised Hindi Diwas on 14.09. 2018
- Organised Foundation Day and Fresher's Party on 16.09.2018
- Organised Seminar on "Recent Developments in Smart Materials and Integrated Circuits" on 11.10.2017 under the Golden Jubilee Celebration of Haryana.
- Organised two-day Science Conclave-17 in collaboration with Department of Science and Technology, Haryana to mark the Swarna Jayanti Celebrations on 25 & 26.10. 2017
- Commemorated the 142<sup>nd</sup> Birth Anniversary of Sardar Vallabhbhai Patel as 'Rashtriya Ekta Diwas' (National Unity Day) on 31.10.2017.
- Organized various competitions as a part of Vigilance Awareness Week Celebration (30.10.2017 - 04.11.2017) in collaboration with NHPC Limited.
- Celebrated Constitution Day on 26.11.2017.
- Organized a trip in Mewat to donate warm clothes and blankets to the underprivileged people on 17.01.2018 under the Social Activity.
- Organized 69<sup>th</sup> Republic Day on 26<sup>th</sup> Jan. 2018.
- Organized voluntary blood donation camp on 07.02.2018 in collaboration with Bharat Vikas Parishad (BVP), Faridabad
- Commemorated the 194<sup>th</sup> Birth Anniversary of Swami Dayanad Saraswati on 12.02.2018
- Organised two day Youth Conclave on 10 and 11.03.2018
- Organised seminar on 'Water Conservation' on 13.03.2018
- Organised 'Haryana Vir Shaheedi Diwas' on 23.03.2018.
- Organised University Annual Cultural Fest -CULMYCA'17 from 12-14.04.2018



**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. Komal Kumar Bhatia

## STAFF PROFILE

Sr. No.	Name	Designation	Qualification	Total Experience (years)
1	Dr. P. N. Bajpai	Dy. Librarian	M. Sc.; MLIS, M. Phil, Ph.D.	22
2	Ms. Hema Singh	Asstt. Lib. Professional	M. Sc., ADIS, PGDCA	11
3	Mrs. Sadhna Bajpai	Library Counter Clerk	B. Sc., M. A., MLIS, M. Phil	16
4	Ms. Seema Raturi	Library Counter Clerk	M. A., MLIS	14

## LIBRARY COLLECTION

Books in Stock	Newly Purchased Books	Book Bank Books	No. of Print Journals	No. of Magazines	No. of Newspapers
76,495	863	16179	100	35	15

## 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**

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 for all students
7. Special collection of books for SC/ ST students.
8. Current Content Service.
9. Newspaper clipping service.

### **Ph.D. COMPLETION**

Dr. P. N. Bajpai has completed his Ph. D. successfully from Kurukshetra University, Kurukshetra.

### **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 one day workshop on 29<sup>th</sup> July, 2017 organized by DELNET in collaboration with Manav Rachna International University, Faridabad.
2. Attended TEQIP sponsored one week refresher course on “Emerging trends in Computer Science” from 8.01.2018 to 13.01.2018 organized by YMCA University of Science and Technology, Faridabad.
3. Attended International Conference on Information Communication in Digital Era: Present Scenario and Future Perspectives (ICICDEPSFP-2018) on 24<sup>th</sup>-25<sup>th</sup> February, 2018 organized by Aggarwal College, Ballabgarh.
4. Attended short term course on “Intellectual Property Rights (IPR) and Patenting” from 23<sup>rd</sup> April to 27<sup>th</sup> April 2018 organised by NITTTR, Chandigarh.

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

1. Awareness and use of Electronic Resources in Special Libraries of Delhi, NCR. International Journal of Information Dissemination and Technology 7(4), 2017.
2. Management of Electronic Resources in Special Libraries of Delhi, NCR. International Journal of Information Movement 2(5), 2017.
3. Presented a paper on “Use of digital information resources and services by the engineering Ph. D. students of YMCA University of Science and Technology, Faridabad in the International Conference on Information Communication in Digital Era: Present Scenario and Future Perspectives (ICICDEPSFP-2018), February organized by Aggarwal College, Ballabgarh on February 24-25, 2018.



## **E-RESOURCES**

Presently library is having access of following e-resources through

### **E-shodh sindhu Consortium**

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

### **E-resources subscribed by the Library**

Elsevier's Science Direct (Engg & Comp.Sc. Collection)	<a href="http://www.sciencedirect.com">http://www.sciencedirect.com</a>
ACM Digital Library	<a href="http://www.dl.acm.org/">http://www.dl.acm.org/</a>

## **GATEWAY TO E-RESOURCES (DISCOVERY SERVICE)**

JGate Plus	<a href="http://jgateplus.com">http://jgateplus.com</a>
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## **EVENTS/ACTIVITIES/ACHIEVEMENTS DURING THE YEAR**

<b>Date</b>	<b>Name of Activity</b>	<b>Number of Participants</b>
16.11.2017	User awareness workshop on "Using Electronic Resources Effectively"	209



**RESULT ANALYSIS (2017-2018)**



**Dec 2017- Semester Wise-Pass Percentage:**

Course	Semester	Total No. of appeared candidates	Total no, of pass candidates	Total no. of fail candidates	Pass %
B.TECH	7TH	547	499	48	91.22
B.TECH	5TH	538	490	48	91.07
B.TECH	3RD	555	513	42	92.43
M.TECH	3RD	132	122	10	92.42
MA (J)	3RD	18	15	3	83.33
MBA	3RD	57	56	1	98.24
MCA	3RD	34	33	1	97.05
MSC (P)	3RD	54	48	6	88.88
MSC(M)	3RD	55	51	4	92.72
MSC(CH)	3RD	55	54	1	98.18
MSC (EVS)	3RD	31	30	1	96.77

**May 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	8	547	499	48	91.22
B.TECH	6	541	491	50	90.75
M.TECH	4	132	121	11	92.36
MA (J)	4	18	15	3	83.33
MBA	4	57	55	2	96.49
MCA	6	37	34	3	91.89
MCA	4	34	33	1	97.05
MSC (P)	4	54	48	6	88.88
MSC(M)	4	55	51	4	92.72
MSC(CH)	4	55	54	1	98.18



**DETAIL OF SCHOLARSHIPS**



## UNIVERSITY SCHOLASHIP SCHEMES 2017-18

Sr. No.	Name of Scholarship	No. of students allowed	Amount per student (in Rs.)	No. of students eligible during 2017-18	Amount disbursed during 2017-18 (in Rs.)	Eligibility Criteria
01	<b>SCHOLARSHIP FROM STATE GOVT. DEPTTS.</b>					
a.	BC Post Matric Scholarship (*)	No. limit of number of eligible students	Maintenance Allowance	65	Maintenance Allowance	For BC students whose parental income less than one lac per annum
b.	SC Post Matric Scholarship (*)	No. limit of number of eligible students	Tuition fee, Maint. Allowance & other charges	192	Tuition fee, Maint. Allowance & other charges	For SC students whose parental income less than 2.50 lac per annum
2.	<b>UNIVERSITY SCHOLARSHIPS</b>					
a.	Dean Certificates Department wise	52 per semester	Rs.2,500/- + Certificate	104	2,60,000/-	Toppers of each semester branch wise/course wise/B.Tech./MCA/MBA/M. Tech./M.Sc./B.Sc. 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	43	2,32,500/-	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.	<b>MISC. SCHOLARSHIPS FROM OUTSIDE AGENCIES</b>					
a.	Indian Oil Educational Scholarship	No limit of number of students	tuition fee & other charges	5	1,08,000/-	As per their norms
b.	DLF Raghvendra Scholarship	No limit of number of students	tuition fee & other charges	1	40,000/-	As per their norms
c.	AICTE J&K admitted student (PMSSS Scheme)	No limit of number of students	tuition fee & other charges	6	2,76,340/-	As per their norms
d.	Vishwa Prakash Mission, Fbd.	No limit of number of students	tuition fee & other charges	18	4,77,000/-	As per their norms
<b>Grand Total</b>				<b>434</b>	<b>13,93,840/-</b>	



**NOTE** : Beside the above scholarships, number of students are getting scholarship from Central Board of Secondary Delhi, Board of School Education Haryana, Bhiwani, POSE Scholarship from HGCST, Panchkula, Siemens, Foundation for Excellence and from their Parent's office etc.directly.

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



## **FINANCIAL SUMMARY**



**CONTROLLER OF FINANCE: DR. PRADEEP KUMAR**

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 **31-03-2017** considered and approved the Budget Estimates for the year 2017-2018. Revised estimate for the Year 2016-2017 including Actual for the year 2015-2016 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 2015-2016	Actual 2016-2017	Actual 2017-2018
A.	<b>Grant in Aid (General) Non Plan</b>	1056.00	1100.00	2300.00
	<b>Grant in Aid (General) PLAN Scheme</b>	500.00 (Opening balance 4144.72 Lac)	250.00 (Opening balance 4446.77 lac)	Opening balance - 3918.60
	<b>Internal Receipts (Tuition Fees)</b>	794.24	828.15	829.67
	<b>Additional Income SFS</b>	530.99	720.84	823.78
	<b>Scheme funded by Various Agency like UGC, IQAC, DST, AICTE etc</b>	08.00	301.28	25.35
	<b>Total</b>	<b>7033.95</b>	<b>7738.32</b>	<b>7897.40</b>
<b>EXPENDITURE (IN LACS)</b>				
B	<b>Grant in Aid (General) Non Plan</b>	1706.09	2104.78	2369.78
	<b>Grant in Aid (General) Plan</b>	0.84	269.02	1183.94
	<b>Scheme funded by Various Agency like UGC, DST, AICTE etc.</b>	08.00	47.94	15.25
	<b>Self Financing Schemes</b>	499.13	571.94	752.71
	<b>Total</b>	<b>2214.06</b>	<b>2993.68</b>	<b>4321.68</b>