The Annual Quality Assurance Report (AQAR)

of the

Internal Quality Assurance Cell (IQAC)

for year 2017-18

Submitted by

The NorthCap University

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The Annual Quality Assurance Report (AQAR) of the IQAC
(For Universities)

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, July 1, 2017 to June 30, 2018)*

Part – A

Data of the Institution
(data may be captured from IIQA)
1. Name of the Institution : The NorthCap University

- Name of the Head of the institution : **Prof. H B Raghavendra**

- Designation: **Vice-Chancellor**

- Does the institution function from own campus: **Yes**

- Phone no./Alternate phone no. : **0124 – 2365811 - 13**

- Mobile No.: **9870548208**

- Registered Email : **ncu@ncuindia.edu**

- Alternate Email : **vcoffice@ncuindia.edu**

- Address   : **HUDA, Sector – 23-A, Gurugram - 122017**

- City/Town   : **Gurugram**

- State/UT   : **Haryana**

- Pin Code   : **122017**

2. Institutional status: √
- University: State/Central/Deemed/Private: **Private**
  (Tick appropriative)   √
- Type of Institution: Co-education/Men/Women: **Co-education**

√

- Location : Rural/Semi-urban/Urban: **Urban**

√

- Financial Status: Centrally funded/state funded/Private : **Private**
  (please specify)

- Name of the IQAC Co-ordinator/Director : **Prof. A P Dash**

- Phone no./Alternate phone No. : **0124 - 4195256**

- Mobile: **9650991299**

- IQAC e-mail address: **apdash@ncuindia.edu**

- Alternate Email address:

3. Website address: www.ncuindia.edu

   Web-link of the AQAR: (Previous Academic Year):
   http://www.ncuindia.edu/images/pdf/annual-qualityreport.pdf

 4. Whether Academic Calendar prepared during the year?

Yes/No., if yes, whether it is uploaded in the Institutional website: **Yes**

Weblink: http://www.ncuindia.edu/academiccalender/Academic-Calendar.pdf

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1st	B	2.72	2016	from: 2016 to: 2021
2nd				from: to:
3rd				from: to:
4th				from: to:
5th				from: to:

6. Date of Establishment of IQAC: DD/MM/YYYY: **08/08/2011**

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date &	Number of

IQAC	duration	participants/beneficiaries
1. 5 IQAC meetings held since July 2017. The details are as follows: i. 6th IQAC meeting (http://www.ncuindia.edu/images/6TH-IQAC-MINUTES-07-JUL-17-2810-07-1729.pdf)	7th July 2017	21
ii. 7th IQAC meeting (http://www.ncuindia.edu/images/7TH-IQAC-MINUTES-02-SEPT-17-2804-09-17-29.pdf)	2nd Sept 2017	21
iii. 8th IQAC meeting (http://www.ncuindia.edu/images/8TH-IQAC-MINUTES-25-NOV-17-2827-11-17-29.pdf)	25th Nov 2017	20
iv. 9th IQAC meeting (http://www.ncuindia.edu/images/9TH-IQAC-MINUTES-22-JAN-18-2822-01-18-29.pdf)	22nd Jan 2018	22
v. 10th IQAC meeting (http://www.ncuindia.edu/images/10TH-IQAC-MINUTES-2823-03-18-29.pdf)	24th Mar 2018	21
2. AQAR submitted for year 2016-17	19th Sept 2017	-
3. Participated in **NIRF** and achieved the following Positions:- **University Category:-** Rank-band: 151-200 **Engineering Category:-** Rank-band: 101-150	Ranking 2018	-
4. University is accredited by the **National Assessment and Accreditation Council (NAAC)**	For period 2016-2021	
5. Professional society – American Society for Quality. The events held so far are as follows:- i. ASQ Yellow Belt Certification Programme	5&6 Oct 2017	162
ii. ASQ NCU Quality Conclave held on	23 Feb 2018	-
**Note**: Some Quality Assurance initiatives of the institution are: _(Indicative list)_		

> - *Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements*
> - *Academic Administrative Audit (AAA) conducted and its follow up action*
> - *Participation in NIRF*
> - *ISO Certification*
> - *NBA etc.*
> - *Any other Quality Audit*

8. Provide the list of Special Status conferred by Central/ State Government-

UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/ Faculty	Scheme	Funding agency	Year of award with duration	Amt. (Lakhs)
Ms Vaishali Sahu	**DST**	DST (WOS-A)	21.11.2015-21.11.2018	25.41
Ms Rita Chhikara	**DST**	DST (WOS-A)	10.08.2015-10.08.2018	20.51
Dr Phool Singh (PI)(APS) Jyotsna Singh (FT PhD Student) (CSE)	**DST**	DST (CSRI)	06.08.2015-06.08.2018	19.31
Dr Deepika Chaoudhary (PI) Mentor: Dr. Hukum Singh	**DST**	DST (WOS-A)	30.05.2015-30.05.2018	30.03
Ms Geetika Munjal Mentor: Latika singh	**DST**	DST (WOS-A)	29.08.2016-29.08.2019	18.90
Ms Chetna Tyagi (PI), Dr Ambika Sharma	**DST**	DST (WOS-A)	15.06.2016-15.06.2019	24.30
Dr Aditya Sharma	**DST**	DST (SERB) Young Scientist	27.07.2016-27.07.2019	42.02
Dr Akansha Singh (PI), Dr Latika Singh, Ms. Sumanlata Gautam	**DST**	DST (CSRI)	20.05.2016-20.05.2019	18.27
Ms Pooja Sabherwal	**DST**	DST (WOS-A)	19.09.2016-19.09.2019	18.15
Dr Dipti Vaya (PI) and Dr Tejpal Singh Chundawat	**DST**	DRDO	18 Monthss (after extension : 23 Months) 21.04.2015-21.03.2017 last fund received on 14.07.2017	9.99

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: **Yes**

       *upload latest notification of formation of IQAC
http://www.ncuindia.edu/images/10TH-IQAC-MINUTES-2823-03-18-29.pdf

10. No. of IQAC meetings held during the year: **5**

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website…….

Yes/No Yes

(Please upload, minutes of meetings and action taken report)

http://www.ncuindia.edu/images/6TH-IQAC-MINUTES-07-JUL-17-2810-07-1729.pdf
http://www.ncuindia.edu/images/7TH-IQAC-MINUTES-02-SEPT-17-2804-09-17-29.pdf
http://www.ncuindia.edu/images/8TH-IQAC-MINUTES-25-NOV-17-2827-11-17-29.pdf
http://www.ncuindia.edu/images/9TH-IQAC-MINUTES-22-JAN-18-2822-01-18-29.pdf
http://www.ncuindia.edu/images/10TH-IQAC-MINUTES-2823-03-18-29.pdf

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?   Yes   No √

If yes, mention the amount: Year:

12. Significant contributions made by IQAC during the current year (maximum five bullets)

- A major revamp of the curriculum in consultation with the Industry and Academia experts and adopting best practices of AICTE model curriculum.
- Improvement in students' employability through Third Party Apptitde & Domain Test to make our students industry ready.
- Upgradation of the quality of internship of students through improved academic industy interface viz MoUs with leading industries like MACE, DAIKIN, EXICOM etc.
- E-learning & E-Portfolio for students to identify their area of interest.
- Upgradation of faculty skills through Faculty Externship program in industries.
- Improvement in projects quality through 'VC Innovation Fund and 'Best B.Tech. Project Award', 'Incubation centre'.
- Seting up of Tinkering Lab to encourage creative and innovative inter-disciplinary projects among students.

13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Each of the Action point taken up during the IQAC meetings and their outcomes:-	
• HR conclave	The NorthCap University organized 'HR Conclave 2018' on 15 Feb 2018. Eminent delegates at the conclave included industry experts from Maruti Centre for Excellence, British Telecom, Fidelity International, Express Roadways, Square Root, Exicom Tele-Systems Ltd, Kellton Tech, City Innovates Pvt Ltd among others.
• Establishment of Tinkering and Though Lab	With a view to encourage students to pursue their passion, a platform in the form of a 'Tinkering Lab' is now available to all students to enable them to

	convert their ideas into tangible outcomes. This in-turn helps students to keep their passion/ interest alive while pursuing their course of study at the University. The University has established a 'Thought Lab' with the aim of developing a positive attitude, reduce negative energy, stress and improve overall development of students. Channelizing thoughts effectively will improve students experience while studying at NCU. The 'Thought Lab' has been established in collaboration with the Brahma Kumaris and shall also collaborate with other such institutions who are working extensively students for the citizens of the country.
• Industry Engagement	Centre of Excellence of :- - MACE - Daikin - CDEEP

14. Whether the AQAR was placed before statutory body?   Yes /No: **Yes**

Name of the statutory body: Date of meeting(s):
Academic Council   23/09/2017
Board of Management   29/09/2017
Governing Body   30/11/2017

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?
 Yes/No: Yes (External member from well known Industry attended the meeting.)
 Date: 7/07/2017, 2/9/2017, 25/11/2017, 22/01/2018 & 24/03/2018

 16. Whether institutional data submitted to AISHE: Yes/No: **Yes**

Year: **2018**   Date of Submission: **18/04/2018**

17. Does the Institution have Management Information System?
 Yes √   No Partial

 If yes, give a brief description and a list of modules currently operational.
  (Maximum 500 words)

 Computerization of administration and library:
 • Library is automated through software named LIBSYS 4.
 • 28 computers are available for general access, along with 2 printers in the library.

- 60 MBPS internet bandwidth is available which provides good internet access.
- Learning Management System (LMS) provided through 'Moodle' as an institutional repository and as a content management system for e- learning.
- Parent Information System
- E-Portfolio for students and faculty
- Uploading of Degrees on National Depository
- Database of all research publications
- Remote access to Library e-resources available 24*7

ERP: Enterprise Resource Planning System (ERP) has been implemented in The NorthCap University, Gurugram since November, 2013 with the collaboration of DigiUniv Nyasa, Noida.

The system includes following modules:

1. **Admission and Fee Module**
   a. Form Collection and Verification
   b. Fee Management System
   c. Student Records
   d. Class Management
   e. Related Reports
2. **Academic Module:**
   a. Semester Registration
   b. Time Table Generation
   c. Faculty Feedback
   d. Related Reports
3. **Attendance Module:**
   a. Bio-metric Attendance System
   b. Linking with ERP
   c. Related Reports
4. **Examination Module:**
   a. Admit Card Generation
   b. Grading and Results
   c. Related Reports
5. **Administrative Module**
   a. HRMS
   b. Student Placement

CRITERION I – CURRICULAR ASPECTS			
1.1 Curriculum Design and Development			
1.1.1 Programmes for which syllabus revision was carried out during the Academic year			

Name of programme	Programme Code	Dates of revision	
B.Tech. (CSE)	CS	9th June, 2018	
B.Tech. (ECE)	EC	9th June, 2018	
B.Tech. (ME)	ME	9th June, 2018	A meeting of Academics Council (Standing Committee) was held on 9th June 2018 to approve all these syllabi.
B.Tech. (CV)	CE	9th June, 2018	
BSc (H) Mathematics	MA1	9th June, 2018	
BSc (H) Physics	PHI	9th June, 2018	
BBA	SM1	9th June, 2018	
B.Com.(H)	SM1	9th June, 2018	
BBA-LLB (H)	BL1	9th June, 2018	
MBA	SM5	9th June, 2018	
LLM	ML1	9th June, 2018	

1.1.2 Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme	Program Code	Course with Code	Date of Introduction
B.Tech. (CSE)	CS	All our programmes have a number of courses for enhancing employability/ deploy-ability of students including entrepreneurship and special skill developments relevant to industry. There is great emphasis on project work/ industry internship, innovative initiatives etc. The list of such courses is mentioned below:-	**July 2017 & June 2018**
B.Tech. (ECE)	EC		
B.Tech. (ME)	ME		
B.Tech. (CV)	CE		
BSc (H) Mathematics	MA1		
BSc (H) Physics	PHI		
BBA	SM1		
B.Com.(H)	SM1		
BBA-LLB (H)	BL1		
M.Sc. (Maths)	MA5		
M.TECH (CSE-FT)	CS		
M.TECH (ECE-FT)	EC		
M.TECH (ECE-PT)	EC		
M.TECH (ME-FT)	ME		
M.TECH (ME-PT)	ME		
M.TECH (CV-FT)	CE		
MBA	SM5		

Course with Code				
Sr. No.	Course Code	Course Name	Prog./Branch Name	P
1	CLL101	Effective Communication - I	B.TECH (CSE)	
2	CLL102	Effective Communication-II	B.TECH (CSE)	
3	CLL120	Human Values and Professional Ethics	B.TECH (CSE)	

4	CLL200	French-I	B.TECH (CSE)		CS
5	CLL210	French-II	B.TECH (CSE)		CS
6	CLL220	German-I	B.TECH (CSE)		CS
7	CLL270	Spanish-I	B.TECH (CSE)		CS
8	CLL280	Spanish-II	B.TECH (CSE)		CS
9	CSD401	Major Project I	B.TECH (CSE)		CS
10	CSD402	Major Project II	B.TECH (CSE)		CS
11	CSL415	Software Project Management	B.TECH (CSE)		CS
12	CSR118	GP-I	B.TECH (CSE)		CS
13	CSR119	General Proficiency-II	B.TECH (CSE)		CS
14	CST201	Practical/Summer Training	B.TECH (CSE)		CS
15	CST301	Practical Training/ Summer Training	B.TECH (CSE)		CS
16	CSV100	VA-I	B.TECH (CSE)		CS
17	ITL415	Software Project Management	B.TECH (CSE)		CS
18	ITR420	General Proficiency	B.TECH (CSE)		CS
19	MEL611TH	Renewable Energy Systems	B.TECH (CSE)		CS
20	MEL613IP	Project Management	B.TECH (CSE)		CS
21	SML640	Creativity, Innovation, Leadership and Entrepreneurship	B.TECH (CSE)		CS
22	CED427	Major Project-I	B.TECH (CV)		CE
23	CED434	Major Project B	B.TECH (CV)		CE
24	CER102	General Proficiency-I	B.TECH (CV)		CE
25	CET212	Practical Training-I	B.TECH (CV)		CE
26	CET312	Practical Training II	B.TECH (CV)		CE
27	CLL101	Effective Communication - I	B.TECH (CV)		CE
28	CLL102	Effective Communication-II	B.TECH (CV)		CE
29	CLL120	Human Values and Professional Ethics	B.TECH (CV)		CE
30	CLL200	French-I	B.TECH (CV)		CE
31	CLL270	Spanish-I	B.TECH (CV)		CE
32	MEL611TH	Renewable Energy Systems	B.TECH (CV)		CE
33	MEL613IP	Project Management	B.TECH (CV)		CE
34	SML640	Creativity, Innovation, Leadership and Entrepreneurship	B.TECH (CV)		CE
35	CLL101	Effective Communication - I	B.TECH (ECE)		EC
36	CLL102	Effective Communication-II	B.TECH (ECE)		EC
37	CLL120	Human Values and Professional Ethics	B.TECH (ECE)		EC
38	CLL200	French-I	B.TECH (ECE)		EC
39	CLL220	German-I	B.TECH (ECE)		EC
40	CLL270	Spanish-I	B.TECH (ECE)		EC
41	ECD306	Minor Project	B.TECH (ECE)		EC
42	ECD405	Major Project A	B.TECH (ECE)		EC
43	ECD406	Major Project B	B.TECH (ECE)		EC
44	ECR107	General Proficiency	B.TECH (ECE)		EC

45	ECR108	General Proficiency-II	B.TECH (ECE)		EC
46	ECR408	General Proficiency	B.TECH (ECE)		EC
47	ECT106	InHouse Training for Minor Projects	B.TECH (ECE)		EC
48	ECT208	Industrial Training	B.TECH (ECE)		EC
49	ECT308	Industrial Training	B.TECH (ECE)		EC
50	EEV202	Adv. C/C++	B.TECH (ECE)		EC
51	EEV203	GATE3	B.TECH (ECE)		EC
52	EEV204	GATE4	B.TECH (ECE)		EC
53	EEV301	Special Software Package	B.TECH (ECE)		EC
54	EEV303	GATE5	B.TECH (ECE)		EC
55	EEV304	GATE6	B.TECH (ECE)		EC
56	EEV401	Personal Development Program	B.TECH (ECE)		EC
57	MEL611TH	Renewable Energy Systems	B.TECH (ECE)		EC
58	MEL613IP	Project Management	B.TECH (ECE)		EC
59	SML640	Creativity, Innovation, Leadership and Entrepreneurship	B.TECH (ECE)		EC
60	CLL200	French-I	B.TECH (EE)		EE
61	CLL220	German-I	B.TECH (EE)		EE
62	CLL270	Spanish-I	B.TECH (EE)		EE
63	EED401	Major Project A	B.TECH (EE)		EE
64	EED406	Major Project B	B.TECH (EE)		EE
65	EER408	General Proficiency	B.TECH (EE)		EE
66	EET314	Industrial Training	B.TECH (EE)		EE
67	EEV204	GATE4	B.TECH (EE)		EE
68	EEV301	Special Software Package	B.TECH (EE)		EE
69	EEV304	GATE6	B.TECH (EE)		EE
70	EEV401	Personal Development Program	B.TECH (EE)		EE
71	SML640	Creativity, Innovation, Leadership and Entrepreneurship	B.TECH (EE)		EE
72	CLL101	Effective Communication - I	B.TECH. (ME)		ME
73	CLL102	Effective Communication-II	B.TECH. (ME)		ME
74	CLL120	Human Values and Professional Ethics	B.TECH. (ME)		ME
75	CLL200	French-I	B.TECH. (ME)		ME
76	CLL220	German-I	B.TECH. (ME)		ME
77	CLL270	Spanish-I	B.TECH. (ME)		ME
78	MED423	Major Project Part-1	B.TECH. (ME)		ME
79	MED424	Project Part II	B.TECH. (ME)		ME
80	MEL613IP	Project Management	B.TECH. (ME)		ME
81	MER118	General Proficiency	B.TECH. (ME)		ME
82	MER119	General Proficiency-II	B.TECH. (ME)		ME
83	MER418	General Proficiency	B.TECH. (ME)		ME
84	MET310	Industrial Training I	B.TECH. (ME)		ME
85	MET410	Industrial Training II	B.TECH. (ME)		ME

86	MEV200	Special softwares packages(MATLAB)	B.TECH. (ME)		ME
87	MEV220	Special Software	B.TECH. (ME)		ME
88	SML640	Creativity, Innovation, Leadership and Entrepreneurship	B.TECH. (ME)		ME
89	CLL101	Effective Communication - I	BBA		SM1
90	CLL102	Effective Communication-II	BBA		SM1
91	CLL120	Human Values and Professional Ethics	BBA		SM1
92	CLL200	French-I	BBA		SM1
93	CLL220	German-I	BBA		SM1
94	CLL270	Spanish-I	BBA		SM1
95	SMD312	Major Projects	BBA		SM1
96	SMT216	Summer Training	BBA		SM1
97	CLL111	English-I	BBA-LLB (H)		BL1
98	CLL112	Legal Professional Communication Skills	BBA-LLB (H)		BL1
99	CLL100	Business Communication	BCOM (H)		SM1
100	CLL101	Effective Communication - I	BCOM (H)		SM1
101	CLL102	Effective Communication-II	BCOM (H)		SM1
102	CLL120	Human Values and Professional Ethics	BCOM (H)		SM1
103	CLL220	German-I	BCOM (H)		SM1
104	SMD318	Major Project	BCOM (H)		SM1
105	SMT226	Summer Traning	BCOM (H)		SM1
106	CLL101	Effective Communication - I	BSc (H) Mathematics		MA1
107	CLL102	Effective Communication-II	BSc (H) Mathematics		MA1
108	MAD300	Project	BSc (H) Mathematics		MA1
109	MAR100	GPA	BSc (H) Mathematics		MA1
110	MAR110	GPA-II	BSc (H) Mathematics		MA1
111	MEL613IP	Project Management	BSc (H) Mathematics		MA1
112	CLL101	Effective Communication - I	BSc (H) Physics		PH1
113	CLL102	Effective Communication-II	BSc (H) Physics		PH1
114	PYR100	GPA	BSc (H) Physics		PH1
115	PYR110	GPA-II	BSc (H) Physics		PH1
116	CLL120	Human Values and Professional Ethics	BSc Economics (H)		SM1
117	SMD346	Major Project	BSc Economics (H)		SM1
118	SMT228	Summer Internship	BSc Economics (H)		SM1
119	MAD610	Project & Dissertation	M.Sc. (Maths)		MA5
120	CED534	Minor Project	M.TECH (CV-FT)		CE
121	CEV604	Laboratory Teaching Training	M.TECH (CV-FT)		CE
122	CLL220	German-I	M.TECH (ECE-FT)		EC

123	ECD512	Minor Project	M.TECH (ECE-FT)		EC
124	ECT607	Summer/Industrial Training	M.TECH (ECE-FT)		EC
125	ECV529	Linux and Scripting	M.TECH (ECE-FT)		EC
126	ECV539	Project Management	M.TECH (ECE-FT)		EC
127	ECV604	Laboratory Teaching Training	M.TECH (ECE-FT)		EC
128	ECV609	Special Software Package	M.TECH (ECE-FT)		EC
129	ECD512	Minor Project	M.Tech (ECE-PT)		EC
130	ECV529	Linux and Scripting	M.Tech (ECE-PT)		EC
131	ECV539	Project Management	M.Tech (ECE-PT)		EC
132	CSD601	Project & Dissertation	M.TECH. (CSE-FT)		CS
133	CSD602	Major Project & Thesis	M.TECH. (CSE-FT)		CS
134	SML640	Creativity, Innovation, Leadership and Entrepreneurship	M.TECH. (CSE-FT)		CS
135	MED600	Major Project Part-I	M.TECH. (ME-FT)		ME
136	MED610	Major Project Part-2	M.TECH. (ME-FT)		ME
137	MED600	Major Project Part-I	M.TECH. (ME-PT)		ME
138	MED610	Major Project Part-2	M.TECH. (ME-PT)		ME
139	MEL613IP	Project Management	M.TECH. (ME-PT)		ME
140	MEL613IP	Project Management	MBA		SM5
141	SMD604	Major Project	MBA		SM5
142	SMT518	Summer Training	MBA		SM5

1.2 Academic Flexibility

1.2.1 New programmes/courses introduced during the Academic year

Programme/Course	Date of introduction
BBA 1. Liberal Arts (Dance, Music and Arts) 2. Theatrical Arts/ Media and Mass Communication 3. Introduction to Organisational Psychology 4. Literary and Cultural Studies 5. Corporate Governance and Sustainability 6. General Proficiency 7. Minor Project **MBA** 8. SMP 501- Management Lab 9. SML 530- Legal Aspects of Business 10. SML 614 - Business Ethics 11. General Proficiency	9th June, 2018 9th June, 2018

Others	
12. Course on Research Methodology made part of all PG programs 13. Course on Entrepreneurship introduced in all UG Programs	

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS/ Elective Course System	UG	PG
CBCS already adopted (mention the year) Across All Programmes since 2010				2010	2010

1.3 Curriculum Enrichment

1.3.1 Value-added courses imparting transferable and life skills offered during the year

Value added courses	Date of introduction	Number of students enrolled
CIVIL		
1.Limit State Design of Reinforced Concrete Structures (QEEE)	07-03-2018	30
2.Skill Development course on "Research Writing" (SWAYAM)	05-02-2018	03
3.Skill Development course on "Geotechnical Engineering-I" (SWAYAM)	05-02-2018	03
4.Skill Development module on "MATLAB" (NCU)	21-03-2018	05
5.Skill Development module on "StaadPro" (NCU)	23-03-2018	20
CSE		
6.VA-Web Development	July 2017	24
7.VA-Web Development	January 2018	49
8.VA-Web Development	July 2017	25
9.VA-Web Development	January 2018	51
10. VA-Web Development	January 2018	53
11. VA-Web Development	January 2018	67
12. VA-Special Software Packages	July 2017	19
13. VA-Web Development	January 2018	75
14. VA-Web Development for Slow Learners	January 2018	24
15. VA-Android Programming for Slow	January 2018	25

Learners		
16. VA-CCNA for Slow Learners	January 2018	1
17. VA-Web Development	July 2017	24
18. VA-C Programming	July 2018	35
ECE		
1.Android (Mobile Apps)	July 2017	60
2.Android (Mobile Apps)	January 2018	72
3.Self-Skill Development	July 2017	30
4.Campus to corporate	January 2018	60
ME		
5.MEV200 SSP (Solid Modelling – Inventor Software)	July 2017	82
6.MEV220 SSP (Engg Analysis – ANSYS Software)	January 2018	76
7.PLC & CNC Programming (by MACE)	July 2018	19
APS		
8. C-Programming	March 2018	7
9. Data Analysis using R-Software	August 2017	3
SOM		
10. Leadership	January 2018	142
11. Effective Communication	July 2017	160
12. Introduction to IT Computer Skills	January 2018	140
13. Human Values & Professional Ethics	July 2017	153
SOL		
14. *Writing Skills as integral of Internship*	*June, 2018*	5

1.3.2 Field Projects/ Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
CSE 1. Minor Projects 2. Summer Industrial Training (4th semester) July 2018 3. Summer Industrial Training (6th semester) June 2018	Total 261 students:98 projects 445 226
CIVIL 1. Summer Internship for III year (Industry Projects) 2. Summer Internship for II year (Industry Projects) 3. Project with G-Eng Advisory Pvt. Ltd. 4. Project with IRSC- students' chapter	28 30 1 1

ECE	
1. Major Projects (May 2018)	136 students (55 Projects)
2. Minor Projects (July 2017)	77
3. Summer Industrial Training (4th semester) June 2018	71
4. Summer Industrial Training (6th semester) June 2018	60
ME	
1. Productivity improvement in driveline production by quality control techniques	1
2. Production quality improvement in blow moulding products	1
3. Rejection control in small scale injection moulding industry using DMAIC approach	2
4. Reduction in rejection of bevel gear manufacturing	2
5. Optimization of effect of process prameters for surface roughness while machining SS-304 using CCMT	2
6. RCCA (Root Cause And Corrective Action) for Welding Rejections To Improve Process PPM	2
7. Rejection control in manufacturing	2
8. Quality improvement on production line	2
SOL	
1. Chetnalya Building 9-10 Bhai Vir Singh Marg, New Delhi 110001 (Nearest Landmark: Gole Market/Bangla Sahib Gurudwara) Phone No. : 011-23347506/23744308	24
2. Prachi Educational Society A-11/26 DLF Phase 1, Opposite Mega Mall Gurgaon 9811601662	30
3. Udayan Care, Delhi 16/97 A, VikramVihar, Lajpat Nagar-IV, New Delhi-110024 011-46548105/06	11
4. Office of Public Prosecutor, New Delhi and Gurugram	50

	210
SOM 1. Summer Internship for BBA, B.Com, BSc-Eco & MBA students	

1.4 Feedback System

1.4.1 Whether structured feedback received from all the stakeholders.

1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes(Online process every semester)*	Yes (In annual appraisal form)**	Yes, all companies visiting campus provide their feedback in a standard format available with placement office (SPA dept). This is a regular feature.	Yes, alumni feedback is collected via email, and the visit of alumni to the University by individual dept/ SPA.	Yes, feedback collected during visit of parents in the University & faculty parent interaction through phone etc.

1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Student Feedback Process involves capturing feedback from the students regarding teaching effectiveness of the faculty members. The process is done through ERP during the middle of the semester though online submission in a fair and transparent manner. All faculty (Regular & Visiting) are covered in this process. The students receive a link in their ERP portal which enables them to submit feedback about the faculty who are taking their classes. The students give feedback on the following parameters:-oral communication and presentation, depth of discussion and problem solving through examples, class interaction and participation, out of class consultation, fair evaluation, co relation between theory and practical applications, attitude, punctuality and inspiration. The students give subjective ratings (marginal, satisfactory, good, very good and excellent) against each faculty. The subjective responses are then converted to scores. Eg.:- Marginal=1….. Excellent=5. Once the feedback is compiled, a report is prepared by HR covering feedback analysis, summary and action taken. Observations like average feedback trend at university level and departmental level, extreme cases, individual trend etc is highlighted. The concerned details of each departments are shared with the HOD's who are requested to have one on one discussion with their faculty members. Detailed parameter specific feedback is shared with faculty members which enables them to improve upon their week areas and facilitates better analysis of their teaching delivery.

Faculty Feedback In Annual Faculty Appraisal form, faculty is asked for their suggestions if any assistance /support/ guidance is needed from the dept/University for their professional growth. Also, they suggest ideas for
improving any aspect of the dept/University. During their one on one interaction, this feedback is also discussed and logical steps are taken to implement them, wherever possible. The concerned stakeholders are informed and feasible actions are taken up through proper channel.

Employers SPA dept shares the feedback given employers with concerned depts. The feedback comprises of components on soft skills, technical knowledge etc. The depts take note of this feedback to improve their teaching methodology, incusing of new topics in various courses, introducing new skill based courses and incorporating other improvements suggested to ensure that the curriculums remain industry relevant.

Alumni feedback is used in improving curriculums , career guidance ,, preplacement training of students, Student counselling, project work, industry internships etc to enhance the employability of students.

Parents Feedback used to provide student specific help and guidance and counselling, particularly for slow learners. The feedback is also used for improving the academic environment & ambience at NCU as well as providing any special facilities for students.

CRITERION II -TEACHING-LEARNING AND EVALUATION			
2.1 Student Enrolment and Profile			
2.1. 1 Demand Ratio during the year			
Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
B. TECH.	390	734	255
BSC (MATH)	30	34	16
BSC (PHYSICS)	20	17	12
BBA	120	290	157
BCOM(H)	60	57	19
BBALLB	120	197	116
M.TECH	80	24	24
MSC(MATH)	30	14	12
MBA	40	75	32
LLM	15	12	7

2.2 Catering to Student Diversity

2.2.1. Student - Full time teacher ratio (current year data) AS ON 31 JULY 2017

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
	2510	110	140-Regular , Regular 46-Visiting Visiting	- -	140 46

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	No. of teachers using ICT *(LMS, e-Resources)*	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
186 (140+46)	186 (100%)	1. Projectors 2. Laptops 3. LMS 4. Video Lectures 5. ERP 6. Bio- metric attendance 7. Flipped Class rooms 8. OTMS for evaluations	65	65	MOOCs Swayam Courses Swayam Prabha E- Pathshala QEEE with IIT Chennai Spoken Tutorials with IIT Bombay Virtual Labs with IIT Delhi E-Books (McGraw-Hill) E -journals ASME , Manupatra

2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)

Student Mentoring program at NCU has been in place for more than five years and is well established. The objectives of this program include,, among others , to provide the first point of contact for the student for his academic and non academic problems which he/she may have at campus. The students are encouraged to freely meet their mentors for discussions and guidance as required. The mentors provide guidance to their mentees on academic issues like proper course selection including various electives , career counseling including various placement & internship options available , avenues for higher studies in India & abroad , guidance for self employment , guidance for appearing in various National & international competitive examinations and advise on various other issues of the students.

Each student , when he/she enters the University is assigned a mentor who is normally a faculty member from his/her dept. This mentors is expected to continue with the mentee for the students entire stay period at NCU. A mentor has typically 20 mentees . The mentees are introduced to their mentors during the induction program through various interactive sessions wherein the mentors share various informations about the University.

Subsequently , the mentors meet their mentees for a structured meeting at least once in a month at prescheduled times. The mentor mentee discussions are recorded and the issues raised to HOD level wherever required. Besides this scheduled meeting , mentees keep meeting their mentors individually whenever they need some guidance.

The mentors also initiate their students into preparing their e – portfolios which can be subsequently used for suitable placement of students. The e portfolios also record the special areas of interest of each student which are picked up by mentors for facilitating developing these further.

The mentor mentee program at NCU has been running well and helping the students in their career development.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
2747 (2510 UG+ 110 PG & + PhD)	140	1:20 (typical)

2.4 Teacher Profile and Quality

2.4.1 Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
192	186 (Regular+Visiting)	6 (Regular+Visiting) In the process of being filled up	11 =REG, 46=VISITING	89=REG, 12=VISITING

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. Kavita Khanna	Associate Professor	Best Accredited Student Branch, Computer Society of India
2018	Dr. Rita Chhikara	Associate Professor	Teaching and Research Excellence, IRDP Group of

			Journals
2017	Dr. Jagdeep Kaur	Assistant Professor (Sel. grade)	Outstanding service in the technical program committee Jagdeep Kaur JIMS New Delhi & Springer July , 2017 certificate of recognition for outstanding service in the technical program committee, JIMS New Delhi & Springer
2017	Ms. Jyotika Pruthi	Assistant Professor (Sr. Scale)	biographical candidate to be included in the 2018 edition of Marquis Who's Who in the World
2018	Ms. Jyotika Pruthi	Assistant Professor (Sr. Scale)	Albert Nelson Marquis Lifetime Achievement Award
2018	Ms Hitesh Yadav	Assistant Professor	Advanced Level Instructor, CCNA,CISCO
2018	Ms. Neeti Kashyap	Assistant Professor (Sr. Scale)	Advanced Level Instructor, CCNA,CISCO
2017	Dr. Anil Kumar Mishra	Associate Professor	Chaired a session in REDSET-2017 at G.D. Goenka University
2017	Dr. Anil Kumar Mishra	Associate Professor	Member Editorial board, Journal of Open Transactions in Geosciences, USA
2017	Dr. Anil Kumar MishrA	Associate Professor	Member Editorial board, American Journal of Environmental Policy & Management, AASCIT, USA
2017	Dr. Anil Kumar Mishra	Associate Professor	Ambassador, Asian Council of science editors
2018	Dr.Hukum Singh	Associate Professor	Senior OSA member
2018	Dr.Hukum Singh	Associate Professor	Outstanding Reviewer by Elsevier
2018	Dr.Hukum Singh	Associate Professor	Financial support (1,50,000Yen, for accommodation Fee, Registration Fee from: International Commission of Optics (Japan) Rs. 70,000 for Travel and VISA fee from DST (SERB New Delhi)received, for presenting research paper in the International Commission of Optics (ICO-24, Tokyo

			Japan) from 21-25 August 2017
2018	Dr. Sangeet Srivsatava	Assistant professor	Outstanding Reviewer by Indian Heart Journal Elsevier
2018	Dr. Sangeet Srivsatava	Assistant professor	Outstanding reviewer by Research Report in clinical Cardiology
2018	Dr.Amita Bhagat	Assistant professor	Received grant of 8800 Brazilian Real under Open Grants to attend ICM at Brazil
2017-2018	Dr Sunita Sharma	Assistant professor	Access to all the experimental facilities at inter University Accelerator Centre, Delhi
2017-2018	Dr.Dipti Vaya	Assistant professor	Awards from KPMG : Rs. 50,000/- + 20,000/ BLUEDART:Rs.50,000/- WALMART:Rs.20,000/-
2017	Dr. Charu Rana And Team (Dr. Manjree Gopaliya, Vibhor Mittal (ECE), Tanyam (ME) and Mohit(ME)	Assistant Prof. (Selection scale)	Delta Cup-2017 organized by Delta Electronics Pvt. Ltd
2018	Dr. Anjali Garg and Team (Ms. Smridhi Seth (15ECU056), Mr. Prithu Jain (15ECU037), Mr. Abhijeet Kumar (15ECU064), Mr. Mayank Juneja (15MEU047)	Associate Professor	Mitsubishi Electric Cup-2018 organized by Mitsubishi Electric India Pvt. Ltd.
2017	Dr Sharda Vashisth	Associate Professor	Best Teacher Award
2017	Dr. Arjyajyoti Goswami	Assistant Professor (Sel. Grade)	2nd Best Paper Award in Computational Nanotechnology, awarded by Department of Mechanical and Industrial Engineering and Center of Nanotechnology, IIT Roorkee
2017	Dr. K Mathiyazhagan	Associate Professor	Citation of Excellence Award given by The Emerald Group Publishing Limited
2018	Dr. Kanu Priya	Associate Professor	Invited to Judge S.K. Puri Memorial Moot Court Competition- Justified, 2018 organized by Law Centre-II, Delhi University on 24 March, 2018
2017	Dr. Kanu Priya	Associate Professor	chaired a Session in National Seminar on "Access to Justice: Right to Legal Aid and Legal Services in India" organized by RGNUL, Punjab on 05 August, 2017

2017	Dr. Kanu Priya	Associate Professor	Member, Editorial Board in International Conference on Environment-2017 organized by National Green Tribunal, New Delhi on 04-05 November, 2017
2018	Dr. Praveen Kumar	Assistant Professor	judged the 3rd Amity National Moot Court Competition, 2018 organised by School of Law, Amity University, Gurugram on March 9-11, 2018
2017	Dr. Balwinder Singh	Assistant Professor	Co-chaired Technical Session –VIII (Sustainable Development-Socioeconomic, legal and Political Dimension) in National Conference on Climate Change and Sustainable Development: Perspectives and Transformational Challenges organised by Department of Law, University of Jammu and CEERA, NLSIU Bengaluru on 7-8th Nov 2017
2018	Ms. Pallavi Bajpai	Assistant Professor	Chaired a Technical session at an International Seminar on Women and Law on 13th January, 2018 organised by Indian Law Institute
2018	Ms. Pallavi Bajpai	Assistant Professor	Judged the event 'Debate: Satanic Verses' which was conducted on 16th of February, 2018 by Symbiosis, Noida
2018	Ms. Archana Sarma	Assistant Professor	Delivered a lecture on Nuances of Forensic Science with special reference to Computer Forensics in criminal investigations for the students of LL.M (Professional) Course on June 8, 2018

| 2017 | Ms. Archana Sarma | Assistant Professor | Resource person in the "National Conference on Wrongful Prosecution: Rights, Protection and Assistance" organized by the K. L. Arora Chair in Criminal Law, Centre for Criminology and Victimology in association with Indian Society of Victimology at National Law University, Delhi, 18th November, 2017 |
| 2017 | Dr. Subhradipta Sarkar & Ms. Archana Sarma | Assistant Professor | Conducted a Three Days "Workshop on Research Methodology" for the students of Symbiosis Law School, Hyderabad, 31 August – 2 September, 2017 |

2.5 Evaluation Process and Reforms

2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
B.Tech M.Tech B.Sc(M) B.Sc(P) M.Sc B.Sc(Eco) B.Com BBA MBA BBA LL.B LLM Pre Ph.D	N/A	II,IV,VI,VIII II,IV,VI(PT) II,IV,VI II II,IV VI II,IV,VI II,IV,VI II,IV II,IV,VI,VIII,X II I,II	17 MAY 2018	05 JUNE 2018 (18 days)

2.5.2 Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year
*Do not include re-evaluation/ re-totalling

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil Since we follow a transparent system of evaluation and all the answer sheets are shown to students by concerned faculty	2967	Not applicable

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes
for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

Program outcomes, program specific outcomes of CSE: http://www.ncuindia.edu/schools/computer-science-engineering/peo-po/

Program outcomes, program specific outcomes of EECE: http://www.ncuindia.edu/schools/electrical-electronics-communication-engineering/peo-po/

Program outcomes, program specific outcomes of ME: http://www.ncuindia.edu/schools/mechanical-engineering/peo-po/

Program outcomes, program specific outcomes of CV: http://www.ncuindia.edu/schools/civil-and-environmental-engineering/peo-po/

Program outcomes, program specific outcomes of APS: http://www.ncuindia.edu/schools/applied-sciences/peo-po/

Program outcomes, program specific outcomes of SOM: http://www.ncuindia.edu/schools/school-of-management/peo-po/

Program outcomes, program specific outcomes of SOL: http://www.ncuindia.edu/schools/school-of-law/peo-po/

Detailed implementation of these learning outcomes at faculty- student level for each course is recorded in a course booklet given to faculty at the start of each course. The level of achievement of learning outcomes for each student including corrective actions taken is put in these booklets for review at higher levels. A sample course booklet is attached at **ANNEXURE 1.**

2.6.2 Pass percentage of students

Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final Semester /year examination	Pass Percentage
B.Tech. (CSE)	CS	232	230	99%
B.Tech. (ECE)	EC	112	108	96%
B.Tech. (EE)	EE	26	24	92%
B.Tech. (ME)	ME	117	104	89%
B.Tech. (CV)	CE	58	52	90%
BSc (H) Mathematics	MA1	20	19	95%
BBA	SM1	86	76	88%
B.Com.(H)	SM1	57	53	93%
B.SC. (H) Economics	SM1	24	24	100%
BBA-LLB (H)	BL1	85	76	89%
M.Sc. (Maths)	MA5	27	26	96%
M.TECH (CSE-FT)	CS	10	9	90%
M.TECH (ECE-FT)	EC	4	4	100%
M.TECH (VLSI-FT)	EC	1	1	100%
M.TECH (ME-FT)	ME	1	1	100%
M.TECH (ME-PT)	ME	5	5	100%
M.TECH (CV-FT)	CE	5	5	100%
MBA	SM5	34	32	94%
LLM	ML1	7	7	100%
B.Tech. (IT) (2013 Batch)	IT	2	2	100%

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

Student's satisfaction survey is conducted every year. Standard format has been designed which is used to record students feedback. The feedback is the analysed at higher levels and follow up actions initiated through the appropriate governance subcommittees of NCU.

In addition to this survey feedback is also taken from students through School wise Class Committees which meet every semester.

Further a student think-tank has been formed comprising Deans list Students and advises the Vice Chancellor on various academic initiatives being taken/ required at the university and evolve a road forward for the University.

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION				
3.1 Promotion of Research and Facilities				
3.1.1 Teachers awarded National/ International fellowship for advanced studies/ research during the year				
	Name of the teacher awarded the fellowship	Name of the Award	Date of Award	Awarding Agency
National	-	-	-	-
International	-	-	-	-

3.1.2 Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name	Name of Research fellowship	Duration of fellowship	Funding agency
Divya Jain	University Fellow	01.02.2015-31.07.2018	NCU
Priyanka Maan	University Fellow	01.08.2015-31.07.2018	NCU
Shradha Singh Parihar	University Fellow	21.08.2015-20.08.2018	NCU
Manju Dabbas	University Fellow	27.07.2016-26.07.2018	NCU
Rishika	University Fellow	10.08.2017-31.07.2018	NCU
Poonam Yadav	University Fellow	01.08.2017-31.07.2018	NCU
Deepika	University Fellow	01.08.2017-31.07.2018	NCU
Pragya Guru	University Fellow	01.08.2017-31.07.2018	NCU
Aakriti Khanna	University Fellow	01.08.2017-31.07.2018	NCU
Neehariki Garg	University Fellow	01.08.2017-31.07.2018	NCU
Nidhi Verma	University Fellow	01.08.2017-31.07.2018	NCU
Ghanishta Narang	University Fellow	25.07.2016-24.07.2018	NCU
Anshul Vats	University Fellow	04.01.2016-31.12.2018	NCU
Jyoti Dabass	University Fellow	02.01.2017-31.12.2018	NCU
Ankita Gupta	University Fellow	01.08.2017-31.07.2018	NCU
Pallavi Asthana	University Fellow	02.01.2017-31.12.2018	NCU
Surbhi Dewan	JRF	11.05.2016 (Three Years)	DST CSRI
Shri Dhar Kaushik	JRF	25.09.2015 (Three Years)	DST CSRI
Ankita Gupta	JRF	02.01.2018 (Four Years)	UGC
Khushbu Gupta	JRF	24.07.2017 (Five Years)	DBT

Dr. Deepika Choudhary	RA	04.06.2015 (Three Years)	DST WOS-A
Dr. Chetna Tyagi	RA	01.06.2016 (Three Years)	DST WOS-A

3.2 Resource Mobilization for				
3.2.1 Research funds sanctioned and received from various agencies, industry and other organisations				
Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the year
Major projects				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored Projects				
Projects sponsored by the University		**(DETAILS AS ANNEXURE 2)**		
Students Research Projects *(other than compulsory by the University)*				
International Projects				
Any other(Specify)				
Total				

3.3 Innovation Ecosystem		
3.3.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year		
Title of Workshop/Seminar	**Name of the Dept.**	**Date(s)**
Workshop on M X Road Software	CEE	22.03.2018
Workshop on STAAD Pro Software	CEE	09.02.2018
Workshop on M X Road Software	CEE	06.09.2017
First Responder Training Workshop	CEE	23.02.2018
Workshop on Primavera P6	CEE	19.01.2018
Workshop on Primavera P6	CEE	03.08.2017
Special talk on Basics of Communication	CLL	05.05.2018
IoT Workshop – Smart Villages	CSE/IT	09.09.2017
Workshop on IOT	CSE/IT	05.06.2017-09.06. 2017
Resilient Analytics	CSE/IT	04.10.2017
Cyber Security Esentials	CSE/IT	03.11.2017
Cyber Security Esentials	CSE/IT	16.11. 2017
2D Game Development	CSE/IT	11.12.2017-13.12.2017
Workshop on IOT	CSE/IT	05.06.2017-09.06.2017
Intermediate Level Photoshop	CSE/IT	19.04.2018
Artificial Intelligence and Machine Learning	CSE/IT	02.04.2018
Machine Learning and Big Data	CSE/IT	06.02.2018
Big Data and Deep Learning	CSE/IT	7.04.2018 – 8.04.2018

Machine Learning and Deep Neural Networks using Python	CSE/IT	4.06.2018-7.06. 2018
Wireless Sensor Networks	EECE	22.08.2017
Mitushubishi cup and higher education	EECE	17.08.2017
Motivational Talk on Joining Defense Forces	EECE	18.08.2017
Interaction on Career Aspects and Higher Studies	EECE	04.09.2017
The Future and Scope in Functional Verification using SystemVerilog	EECE	11.09.2017
Robotics and Higher Education	EECE	25.08.2017
FDP on New Technology Area introduced in curriculum	EECE	05.06.2017-10.06.2017
Workshop on "Internet of Things (IOT)	EECE	25.10.2017
Workshop on "Robotics and Projects'	EECE	11.10.2017
Workshop on " Projects'	EECE	15.11.2017
Workshop on Labview applications with practical realization	EECE	09.09.2017
Deep Learning with MATLAB	EECE	22.02.2018
Workshop on Artificial Intelligence	EECE	06.03.2018
Workshop on Wireless Sensor Networks	EECE	16.04.2018-17.04.2018
MATLAB day: Hands-on MATLAB and Simulink Session	EECE	20.03.2018
Workshop on NavIC Lab	EECE	01.05.2018
FDP on Cutting Edge technologies	EECE	01.06.2018-07.06.2018
Mathematics quiz competition 'Exponent'	APS	23.09.2017
Mathematics for Engineers'	APS	11.10.2017
Science Exhibition	APS	28.10. 2017
National Science Day	APS	28 February
Smart Use of Technology'	APS	10.05. 2018
Nanomaterial for Photovoltaic Application	APS	1.06.2018-7.06. 2018
Session on IPR in Entrepreneurship Awareness Camp	School of Management	23.3.2018
Workshop on Cyber Security and Law	School of Law	4th-5th Oct, 2017
Workshop on Soft Skills	School of Law	28-29 August, 2017
Renewable Skill Development	Mechanical Engineering	13 February 2018
Efficycle	Mechanical Engineering	8 July 2017

3.3.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Best Accredited Student Branch	Dr. Kavita Khanna	CSI	Jan, 2018	Institution
Life time Achievement Award	Prof. Prem Vrat	SSI and DEI	5 March,2018	Faculty
Teaching and Research Excellence	Dr. Rita Chhikara	IRDP Group of Journals	30th May, 2018	Faculty
Outstanding service in the technical program committee	Dr. Jagdeep Kaur	JIMS New Delhi & Springer	13th May, 2017	Faculty
Biographical candidate	Ms. Jyotika Pruthi	Marquis who's who in the world	11th August, 2017	Faculty

Albert Nelson Marquis Lifetime Achievement Award	Ms. Jyotika Pruthi	Marquis	12th April, 2018	Faculty
Advanced Level Instructor, CCNA	Ms Hitesh Yadav	CISCO	April , 2018	Faculty
Advanced Level Instructor, CCNA	Ms. Neeti Kashyap	CISCO	April , 2018	Faculty
Code-a-Thon (Stood 2nd)	Fatma Laiba (17CSU068)	CSI	Feb, 2018	Student
National Competition by CSI (Have presented in second round)	Annekth Vig (16CSU048) and Abhishek Jain (16CSU015)	CSI	March, 2018	Student
First position in case study competition on Child Nutrition	Tanya, (15CSU245) Vaishali (15CSU253) Shankar (15CSU213) Gul (17BBA022)	NSS and IIT Roorkee	Feb,2018	Student
THIRD Position in the case study competition on Human Trafficking	Vedant (15CSU256), Tanya(15CSU245), Sagar(15BCOM44) and Pulkit(16CSU268)	NSS and IIT Roorkee	Feb,2018	Student
Smart Drainage Management System (SDMS)	Dr. Anjali Garg and Team (Ms. Smridhi Seth (15ECU056), Mr. Prithu Jain (15ECU037), Mr. Abhijeet Kumar (15ECU064), Mr. Mayank Juneja (15MEU047)	Mitsubishi Electric Cup-2018 organized by Mitsubishi Electric India Pvt. Ltd.	17 Feb,2018	National level project competition for factory automation skill
Automatic Billing system for retail store	Dr. Charu Rana And Team (Dr. Manjree Gopaliya, Vibhor Mittal (ECE), Tanyam (ME) and Mohit(ME)	Delta Cup-2017 organized by Delta Electronics Pvt. Ltd	28 July,2017	International level competition with theme of robotics and automation for engineering students.
Global Innovator Festa	Shrey Malhotra (16ECU064)	Kem Yung Universtiy, South Korea	June 2017	Global Innovate Fiesta
Reviewer	Dr.Sangeet Srivastava	Indian Heart Journal (Elesvier)	Nov, 2017	Best Reviewer award
Reviewer	Dr. Hukum Singh	Optics and lasers in Engineering (Elesvier)	December 2017	Best Reviewer award
OSA Senior Member	Dr. Hukum Singh	OSA	08 June 2018	-
Excellence Award 2017	Dr. Esha Jain	3E Innovative Foundation	5th September, 2017	Outstanding Services and Contribution to Education

Simulation and Experimental Characterization of Nanograting Array for Reflectance Reduction in c-Si	Dr. Arjyajyoti Goswami	Department of Mechanical and Industrial Engineering and Center of Nanotechnology, IIT Roorkee	8 December 2017	Best Paper (2nd)
1st Prize winner in Electric Solar Vehicle Championship held at Bhimavaram , Andhra Pradesh	Gaurav Singh (16MEU024) Harsh Saluja (16MEU025) Ishan Dhingra (14MEU032) Lavish Kataria (14MEU041) Naveen Chauhan (14MEU050) Milind Mudgal (16MEU038) Saransh (17MEU021) Varnit Mittal (17MEE029) Department of Mechanical Engineering (Team Alacrity) Faculty Advisor : Dr. K Mathiyazhagan and Mr.Praveen Singh	ISIE (Imperial Society for Innovative Engineers)	27 March - 4 April 2018	Theoretical test and Endurance test
1st prize in Go- Kart Design and Manufacturing Championship held at International Buddha Circuit greater Noida	Gaurav Singh (16MEU024) Harsh Saluja (16MEU025) Ishan Dhingra (14MEU032) Lavish Kataria (14MEU041) Naveen Chauhan (14MEU050) Milind Mudgal (16MEU038) Saransh (17MEU021) Varnit Mittal (17MEE029) Department of Mechanical	ISIE (Imperial Society for Innovative Engineers	21 January 2018	Theoretical Test

	Engineering (Team Alacrity) Faculty Advisor : Mr. Praveen Singh			
Self-Check-out System in Retail	Tanyam (14MEU099) Shivam Nautiyal (14MEU089) Department of Mechanical Engineering Faculty Advisor : Prof R Ojha and Dr. S Gopaliya	Delta Cup 2017 held at Wujiang, Suzhou City, China	26 July 2017	Smart Machines, Smart Robots and Smart Manufacturing using Delta Electronics
Won the 1st Runner up Trophy at aQuest Quiz Competition	Tanyam (14MEU099) Jitendra Verma (14MEU034) Department of Mechanical Engineering Faculty Advisor: Mr. J P Dahiya	India Society of heating Refrigeration and Air Conditioning Engineers(ISHRAE)	19 January 2018	Quiz Competition

3.3.3 No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Centre	Name	Sponsored by
The North Cap University Incubation Centre	Master Jaganath Centre of Excellence and Innovation	City Innovates Pvt. Ltd., Gurugram (first partner)

Name of the Start-up	Nature of Start-up	Date of commencement
Online Food Aggregator	E-commerce website	22 Jan 2018

3.4 Research Publications and Awards

3.4.1 Ph. Ds awarded during the year (DETAILS AS ANNEXURE 2)

Name of the Department	No. of Ph. Ds Awarded
APS	1
Civil	2
CSE	7
EECE	1
ME	1
SOM	2
Total	**14**

3.4.2 Research Publications in the Journals notified on UGC website during the year

(DETAILS AS **ANNEXURE 3(i)**)

	Department	No. of Publication	Range of Impact Factor, if any
National	APS	1	0.269 - 5.118
International	APS	16	
National	CEE	0	0.12 - 1.181

International	CEE	8	
National	CLL	0	--
International	CLL	1	
National	CSE	0	0.11 - 0.611
International	CSE	23	
National	ECE	0	0.12 - 1.606
International	ECE	31	
National	ME	1	--
International	ME	16	--
National	SOL	13	0.1 - 6.896
International	SOL	6	
National	SOM	10	0.33 - 0.998
International	SOM	1	
Total		**127**	**0.1 – 6.896**

3.4.3 Books and Chapters in edited Volumes/ Books published, and papers in National/ International Conference Proceedings per Teacher during the yea   (DETAILS AS **ANNEXURE 3(ii)**)

Department	No. of Publication July 2017-June 2018				
	Book Chapter	**Book**	**Conf. Proceeding**	**Total Publications**	**Total Publication per faculty**
APS	3	0	11	14	1.1
CEE	0	0	3	3	0.8
CSE	10	2	2	14	0.7
ECE	5	0	19	24	1.7
ME	0	1	5	6	0.5
SOM	0	0	4	4	0.4
SOL	2	0	0	2	0.2
TOTAL	**20**	**3**	**44**	**67**	**0.81**

3.4.4 Patents published/awarded during the year

Patent Details	Patent status **Published/Filed**	**Patent Number**	**Date of Award**
Security Box	Published date:20.07.2017	201611001501	-
Fuel indicator and global fuel pump detection system	Filed date:25.4.2018	201821015644	-

3.4.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self-citations
(DETAILS AS **ANNEXURE 4**						

3.4.6 h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science) (DETAILS AS **ANNEXURE 4**)						
Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
(DETAILS AS **ANNEXURE 4)**						

3.4.7 Faculty participation in Seminars/Conferences and Symposia during the year :

(DETAILS AS **ANNEXURE 5**)

No. of Faculty	**International level**	**National level**	**State level**	**Local level**
Attended Seminars/ Workshops	49	75	1	4
Presented papers	36	17	-	-
Resource Persons	11	12	-	-

3.5 Consultancy

3.5.1 Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of Consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
SOM	Sessions on Industrial/ Organisational Psychology	Christ Institute of Management, Ghaziabad	30,000
CSE	CCNA Module1	CCNA Lab	3,41,000
SOM	Entrepreneurship Awareness Camp (EAC)	DST-NIMAT Project	40,000
CEE	NCUTC	C.P. Arora Contractors- Engineers Pvt. Ltd.	3,000
CEE	NCUTC	C.P. Arora Contractors- Engineers Pvt. Ltd.	25,000
CEE	NCUTC	Bhavishya India Group, Noida	7,000
CEE	NCUTC	VNC Private LTD.	19,200

3.5.2 Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(s) & Department	**Title of the Programme**	**Agency seeking training**	**Revenue generated (amount in rupees)**	**Number of trainees**
Dr. A.P. Dash-SOM	Management Development Programme on 'Managerial Skills'	Giriganga, Sikim	60,000/- (INR 15,000/dayfrom 25 to 28 June 2018)	25

3.6 Extension Activities

3.6.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers **coordinated** in such activities	**Number of students participated in such activities**
Education Drive on fundamental rights, photography, public speaking, sports	NSS at NCU in collaboration with Govt School, Sarhaul	Dr Jyotsna Singh	19
Education Drive on English speaking, life skill, personal skills	NSS at NCU in collaboration SLAK Govt. Senior Secondary Girls School, Sector-6 Gurga	Dr Jyotsna Singh	13
Art and craft , Career counselling	NSS at NCU in collaboration with Shaheed Bhagat Singh Yadav School, Gurgaon	Dr Jyotsna Singh	20
Women Safety Campaign	NCU	Dr Jyotsna Singh & Dr Phool Singh, Ms. Archana Sarma, Ms. Jyotika pruthi	50
Blood Donation Camp	NCU	Dr Jyotsna Singh & Dr Phool Singh, Dr. Subradipta Sarkar	350
NSS Performance on Science day	NCU	Dr. Jyotsana Singh	5

3.6.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
National social summit	1st **prize:** Case Study: Child nutrition 3rd **prize:** Case Study: Human trafficking	IIT Roorkee	Tanya Joon (15csu245) Arpil Sharma(16llb011) Vedant Kumar(15csu256) Shankar(15csu216) Vaishali Rani(15csu253) Sagar Durani(15bcom44) Pulkit(16csu268) Divya Bagga (17bba018) Rohit(15meu070) Gul Pulyani(17bba022)

3.6.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the	Organising unit/ agency/	Name of the activity	Number of teachers	**Number of students participated in such**

scheme	collaborating agency		coordinated in such activities	activities
Swachhta Internship	MHRD	Swachh Bharat Summer Internship programme	Dr. Jyotsna Singh and Dr Phool Singh	Srishti Singhal(15ecu057) Sonal Kapoor(15csu236) Harshita(16csu143) Aayush Jindal(17csu007) Swasti jain(16bsm021) Tanu Malik(16bsm022) Mahima(16bsm012) Purva(16bsm017) Devashish Nayak(17CSU060) Devansh jain(17csu059) Sartaj Singh(16cvu023) Sanidhya Singh(14CSU182) Yulti Sharma(16bba145) Jhanvi Arora(16bba060) Manan Modi(16csu189)
Sustainable Development Goals	NSS-DTU	Indradhanush: Colors of Sustainability	Dr. Jyotsna Singh	Shrushti Tripathi(17bcom13) Riya Gandhi(17bba139) Gazal Gandhi(15csu070)

3.7 Collaborations

3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration
Live Project	Swaraj Gupta (15cvu027)	G. Engg. Advisory Services Pvt. Ltd (stipend)	May18-Nov18 (ongoing)
Michighan Technological University	Dr. Nilufer Onder, Keynote Speaker and Guest Lecture	Travelling expenses borne by MTU, Rest by NCU	04 days 3rd – 6th April
	Prof. Bruce Seely, Guest Speaker	MTU, USA	28th Sept 2017
	Prof Pushpatha Murthy, Guest Speaker	MTU,USA	21st May 2018
ITB Ireland	Antariksh Anand (13CSU143)- 2017-2018 Sidharth Sharma (15ECU055)- 2018-2019 Jitesh Miglani (13CSU059)- 2018-2019	40% Scholarship in Tution Fee from ITB Ireland for students going under exchange program	1 year
	Prof Michael Hegarty, Guest Speaker	ITB Ireland	23rd Feb 2018
Student Exchange Program , ITB Ireland	Siddharth Sharma (final year ECE)	The NorthCap University	July 2018-June 2019
V Edition NCU National Moot Court Competition-2018	Mayank Jain , Tarun Kumar Aiman Hashmi ,Vishwadeep Gupta Shruti Mandhotra, Meghna Mittal Lakshay Arora , Urvisha Kesharwani Saradha Dharsini. C, Nishu Chawat Sanidhya Nema , Soumyodeep Halder Tushar Bakshi , Mohammad Mehdi Abdi Tripti Yadav , Twinkle Mishra	GAIL and NCU	14-15 April, 2018

	Srishti Yadav , Sanya Singh Mohit Aggarwal , Haripriya. V Suyash Jain , Suryansh Baswan Apurwa Kumari , Aditi Singh Kashif Sultan, Shivi Suman Akash Ranjan , Bineet Singh Deepali Sinha , Vibhanshu Shalibhadra Daga , Sajal Gupta Harshit Singh , Charu Rajput Himanshu Mishra , Ankush Chauhan Aarthi. AC , Mohammed Asad Saeed Jaya Priya . S , Ahad Ahmad Khan		
Engagement between WERARDT and NCU	Faculty Advisor : Prof R Ojha Students given industrial project through this : Jatin Gogia (15MEU040) Sumit Jain (14MEU098)	-	-

3.7.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)		participant
Internship, on the job training	on-the-job training	Deloitte	08.01.2018	30.04.2018	Abhay Abraham K Abhishek Tyagi Garima Bhayana Kanika Ghai Nitesh Kapoor Paras Juneja Rahul Gupta Rishabh Singhal Sachin Verma Sahil Bansal Shivam Verma Shringa A Vatas Siddharth Bhayana Mahima Gaur Mudit Narayan
Industries for Job training	on-the-job training	Real Time Data Services	08.01.2018	30.04.2018	Chirag Narula Nikhil Arora Hitesh Kumar Aakaar Kaushik Aakash Kalra Abhinav Khosla Aditya

					Shrivastava Shreyansh Rai Shubham Sethi Kunal Sharma Tanvi Behl Ashish Kaushik Rohan Aggarwal
Industries for Job training	on-the-job training	edWisor.com	01.02.2018	30.04.2018	Aayush Pandey Jitender Singh Shivansh Dhall Vinit Dhull Pallavi Singh Tarita Sahdev Sushobhan Sreyas Chandel Parth V Dureja Ashima Bajaj
Industries for Job training	on-the-job training	AVL India	15.01.2018	30.04.2018	Anjali Rana Harshil Saini Anmol Chhabra Himanshu Thapliyal Chetan Tehlan Sahil Gupta Aman Singla Priyanka Khattar
Industries for Job training	on-the-job training	Sagacious Research	02.08.2018	30.04.2018	Malika Sachdeva Mayank Arora Shubham Mishra Vibhor Mittal Navika Iyer Shikhar Chawla Mayank Kak
Industries for Job training	on-the-job training	Stratbeans Consulting	15.12.2017	30.04.2018	Chetan Yadav Himanshu Sharma Lakshay Chaudhary Rajat Naruka Tushar Bhatnagar Sarthak Kapoor Jagmeet Singh
Industries for Job training	on-the-job training	Express Roadways	16.02.2018	30.04.2018	Ankit Dabur Dinesh Kumar Pankaj Kaushik Aditya Bamal Aarav Gupta Manish Mittal
Industries for Job training	on-the-job training	EY Global Delivery Services	11.12.2017	30.04.2018	Aabha Bhardwaj Raminder Singh Aaditya Nagpal Paresh Kshatriya Surbhi Chawla Sankalp Kalia

Industries for Job training	on-the-job training	Globus Eight	15.03.2018	30.04.2018	Akshay Munjal Ridhima Pal Akshit Dargan Vanshika Madan Sahil Walecha Sourabh Gandhi
Industries for Job training	on-the-job training	Orkash Services	18.12.2017	30.04.2018	Navneet Singh Dhiman Siddhant Srivastava Ravin Rohit Komal Aneja Sandeep Kathuria
Industries for Job training	on-the-job training	Vegazva Engineering	02.01.2018	30.04.2018	Mitasha Sapra Vagish Ankit Vats Naveen Goyal Chirag Diwan Rajat Sharma
Industries for Job training	on-the-job training	Gemini Solutions	02.01.2017	30.04.2018	Arushi Thakur Nandini Gupta Kartikeya Mudgal Abhinav Mathur Akansha Tikoo
Industries for Job training	on-the-job training	Xceedance	02.01.2018	30.04.2018	Aastha Aakash Sardana Karan Arora Ashish Bhasin Udit Arora
Industries for Job training	on-the-job training	Online24x7 India	09.02.2018	30.04.2018	Dev Pratap Singh Mohit Yadav Pankaj Sharma Shubhi V Davis
Industries for Job training	on-the-job training	Protiviti Consulting	02.01.2018	30.04.2018	Lakshit Neev Puri Ritika Sharma Siddhant Chhabra
Industries for Job training	on-the-job training	TechJockey	26.02.2018	30.04.2018	Chakshu Monga Manya Sharma Saurabh Takkar Sachin Dhingra
Industries for Job training	on-the-job training	Universal Technical Systems, Inc	18.12.2017	30.04.2018	Sachin Kushwaha Rohit Malhotra Gaurav Lohia Himanshu Gupta
Industries for Job training	on-the-job training	Denso Haryana	19.03.2018	30.04.2018	Aditya Pratap Singh Kalpit Saniya Sood
Industries for Job training	on-the-job training	Exicom Tele-Systems	22.02.2018	30.04.2018	Bhupin Parth Sharma Harshit Kumar

Industries for Job training	on-the-job training	Newgen Software Technologies	27.12.2017	30.04.2018	Sushant Ghai Lipi Dewan Harshit Goel
Industries for Job training	on-the-job training	Aesop Web Technologies	01.03.2018	30.04.2018	Himanshu Singla Sunil Thakur
Industries for Job training	on-the-job training	Cadence Design System	10.01.2018	30.04.2018	Shubham Sehgal Twinkle Arora
Industries for Job training	on-the-job training	G-Eng Advisory Services	18.12.2017	30.04.2018	Aneesha Gurjer Anushree Mishra
Industries for Job training	on-the-job training	Horiba	01.03.2018	30.04.2018	Bhavik Sharma Sushant Bhatia
Industries for Job training	on-the-job training	Lutron	16.01.2018	30.04.2018	Aabhas Gugnani Lakshya Malhotra
Industries for Job training	on-the-job training	RGF Select India	09.04.2018	30.04.2018	Rishabh Solanki Rajat Bhola
Industries for Job training	on-the-job training	S.D.H. Logistics	15.12.2017	30.04.2018	Martina Ruhil Pragya Sharan
Industries for Job training	on-the-job training	Steeple Research	02.04.2018	30.04.2018	Rashika Madan Nonisha Sarang
Industries for Job training	on-the-job training	The Aanya	05.03.2018	30.04.2018	Karan Jatwani Manas Madan
Industries for Job training	on-the-job training	V-Konnect Associates	26.02.2018	30.04.2018	Sakshi Punia Komal Yadav
Industries for Job training	on-the-job training	A&A Associate	29.01.2018	30.04.2018	Geeti Dwivedi
Industries for Job training	on-the-job training	Advt. Sudesh Ranjan	05.02.2018	30.04.2018	Anmol Chaudhry
Industries for Job training	on-the-job training	Afcons Infrastructure	01.01.2018	30.04.2018	Apoorv Bhatnagar
Industries for Job training	on-the-job training	Ahead WebSoft Technologies	09.04.2018	30.04.2018	Himanshu Jagga
Industries for Job training	on-the-job training	Asahi India Glass	12.02.2018	30.04.2018	Madhur Chhabra
Industries for Job training	on-the-job training	Ashok Barwal & Associates	02.02.2018	30.04.2018	Iqbal Hussain
Industries for Job training	on-the-job training	Bhagat & Associates	15.01.2018	30.04.2018	Aarti Gait
Industries for Job training	on-the-job training	BOOK MY TOUR NOW	16.02.2018	30.04.2018	Sayyam Khurana
Industries for Job training	on-the-job training	Chadha & Chadha	22.01.2018	30.04.2018	Neha Tripathi
Industries for Job training	on-the-job training	CIPAM, DIPP, MINISTRY OF COMMERCE AND INDUSTRY, GOVT. OF INDIA	04.09.2017	30.04.2018	Kshitez Kaushik
Industries for Job training	on-the-job training	Coral Research	25.04.2018	30.04.2018	Divyata Sharma

Industries for Job training	on-the-job training	Decathlon Sports India	09.12.2017	30.04.2018	Shivam Panwar
Industries for Job training	on-the-job training	Delhi Public School	21.03.2018	30.04.2018	Divya Chhabra
Industries for Job training	on-the-job training	Digital Web Solution	11.01.2018	30.04.2018	Vrinda Balyan
Industries for Job training	on-the-job training	Driftbase Software	08.01.2018	30.04.2018	Vrinda Balyan
Industries for Job training	on-the-job training	ECHELON INDIA	01.07.2018	30.04.2018	Satyarth
Industries for Job training	on-the-job training	Indian Navy (SSB)	6 & 7 April 2018	30.04.2018	Rajat Bhola
Industries for Job training	on-the-job training	INTEL	07.03.2018	30.04.2018	Urvika Gola
Industries for Job training	on-the-job training	Jagmohan Motors	10.01.2018	30.04.2018	Kajol Mittal
Industries for Job training	on-the-job training	Khaitan Legal Associates	17.01.2018	30.04.2018	Swamini Chhibber
Industries for Job training	on-the-job training	Knowlarity Communications India	05.02.2018	30.04.2018	Harsh Lathwal
Industries for Job training	on-the-job training	Kuldeep Singh Solanki & Associates	01.09.2017	30.04.2018	Vir Vikram
Industries for Job training	on-the-job training	Liberty Shoes	02.02.2018	30.04.2018	Jayant Rana
Industries for Job training	on-the-job training	M M TAX LAW & IPR CONSULTANTS	03.04.2018	30.04.2018	H Noble Robinson
Industries for Job training	on-the-job training	M/s Jabbar Hussain & Associates	15.01.2018	30.04.2018	Maibam Malemnganba Khuman
Industries for Job training	on-the-job training	Mentor Graphics	19.02.2018	30.04.2018	Akshat Mathur
Industries for Job training	on-the-job training	MetLife	29.01.2018	30.04.2018	Nitish Bhardwaj
Industries for Job training	on-the-job training	Meyer Corporation	14.02.2018	30.04.2018	Pulkit Sachdeva
Industries for Job training	on-the-job training	Nagarro	15.01.2018	30.04.2018	Manpreet Kaur Walia
Industries for Job training	on-the-job training	NIC, New Delhi	15.01.2018	30.04.2018	Chaynika Kapoor
Industries for Job training	on-the-job training	OnlineTyari	05.02.2018	30.04.2018	Gurpreet Madan
Industries for Job training	on-the-job training	Parekh & Co	06.10.2017	30.04.2018	Banya Baisakhi Singh
Industries for Job training	on-the-job training	PKA ADVOCATES	10.01.2018	30.04.2018	Sanal Anand
Industries for Job training	on-the-job training	Rentech Designs India	01.02.2018	30.04.2018	Sakshi Ji
Industries for Job training	on-the-job training	Rivigo Services	27.03.2018	30.04.2018	Aaditya Sharma
Industries for Job training	on-the-job training	S.K. Vel & Associates	03.01.2018	30.04.2018	Jithesh K
Industries for Job training	on-the-job training	S.S. Industrial Care Products	15.12.2017	30.04.2018	Sruthi V.S

Industries for Job training	on-the-job training	Sapient	29.01.2018	30.04.2018	Pankaj Garg
Industries for Job training	on-the-job training	Seafaradays	02.04.2018	30.04.2018	Tarun Sood
Industries for Job training	on-the-job training	Seller Venture	01.01.2018	30.04.2018	Kalpana Chauhan
Industries for Job training	on-the-job training	Special Govt. Pleader (Forests)	02.01.2018	30.04.2018	K C Prasanna Venghatesh
Industries for Job training	on-the-job training	Square Root	08.02.2018	30.04.2018	Nishant Yadav
Industries for Job training	on-the-job training	TMI Staffing Services	02.01.2018	30.04.2018	Rishabh Sharma
Industries for Job training	on-the-job training	TNT Motorcycles	15.02.2018	30.04.2018	Sahil Rana
Industries for Job training	on-the-job training	Viden.io (Lysa Services)	01.01.2018	30.04.2018	Umesh Lohchab
Industries for Job training	on-the-job training	Wingstud Infotech	24.01.2018	30.04.2018	Sarvesh Hardu
Industries for Job training	on-the-job training	Wipro	16.04.2018	30.04.2018	Nikhil Sharma
Industries for Job training	on-the-job training	Yatra.com	28.12.2017	30.04.2018	Abhishek Jakhar
Industries for Job training	on-the-job training	Zenith Portfolio & Insurance Advisors	01.01.2018	30.04.2018	Abhinav Goel
Industries for Job training	on-the-job training	Zensar Technologies	02.01.2018	30.04.2018	Hardik Munjal
Industries for Job training	on-the-job training	Zero Point Leisure	12.12.2017	30.04.2018	Namami Pandey
Industries for internship	Internship (CSE)	HASHSTASH	23.05.2018	25.07.2018	Siddharth Saxena
Industries for internship	Internship (CSE)	Grant Thornton Advisory Private Limited	21.05.2018	20.07.2018	Aditi Jain
Industries for internship	Internship (CSE)	Grant Thornton India LLP	04.06.2018	03.08.2018	Heemal Yadav
Industries for internship	Internship (CSE)	Grant Thornton India LLP	04.06.2018	03.08.2018	Kritika Singh
Industries for internship	Internship (CSE)	Stratbeans	23.05.2018	25.07.2018	Honey Barua
Industries for internship	Internship (CSE)	Stratbeans	23.05.2018	25.07.2018	Rajyashree
Industries for internship	Internship (CSE)	Indycium Tech LLP	29.05.2018	28.07.2018	Sejal Taneja
Industries for internship	Internship (CSE)	Agnitio Education Systems India Private Limited	21.05.2018	28.07.2018	Shreyansh
Industries for internship	Internship (CSE)	Clues Network Private Ltd	28.05.2018	28.07.2018	Divya Taneja
Industries for internship	Internship (CSE)	Media Is You Broadcasting pvt ltd	01.06.2018	25.07.2018	Kunal Aggarwal
Industries for internship	Internship (CSE)	Carzy Deal	24.05.2018	24.07.2018	Mayak Rustagi
Industries for internship	Internship (CSE)	OPTUM GLOBAL SOLUTIONS (INDIA) PVT. LTD.	25.05.2018	25.07.2018	Milind Wadhwa

Industries for internship	Internship (CSE)	ZanSys Technologies Pvt. Ltd.	18.05.2018	24.07.2018	Nitin Gupta
Industries for internship	Internship (CSE)	Fidelity International	01.06.2018	31.07.2018	Aadhish Goel
Industries for internship	Internship (CSE)	Fidelity International	01.06.2018	31.07.2018	Chhavi Jain
Industries for internship	Internship (CSE)	Fidelity International	01.06.2018	31.07.2018	Yash Yadav
Industries for internship	Internship (CSE)	Fidelity International	01.06.2018	31.07.2018	Vaibhav Rajput
Industries for internship	Internship (CSE)	Dcube IT Solutions(SGIT)	10.02.2018	10.07.2018	Rishab Arora
Industries for internship	Internship (CSE)	LTI,L&T Technology Center	11.06.2018	31.07.2018	Rudrakshi
Industries for internship	Internship (CSE)	Lutron	01.06.2018	1.08.2018	Shubham Babbar
Industries for internship	Internship (CSE)	OYO Rooms Pvt Ltd.	22.05.2018	22.07.2018	Yashi Bagoli
Industries for internship	Internship (CSE)	Interglobe Enterprises Pvt. Ltd.	21.05.2018	21.07.2018	Anuj Singla
Industries for internship	Internship (CSE)	UTS, GURUGRAM	28.05.2018	28.07.2018	Sahil Taneja
Industries for internship	Internship (CSE)	Grey Swift Pvt. Ltd.	18.05.2018	18.07.2018	Kashish Kochar
Industries for internship	Internship (CSE)	Travelraga Holidays Pvt. Ltd	25.05.2018	25.07.2018	Sahil Chugh
Industries for internship	Internship(ECE)	Sector -12, bsnl exchange, commercial building, delhi road, gurugram, haryana 122001	May2018	June2018	Aarushi Jain
Industries for internship	Internship(ECE)	C & c electric	May2018	June2018	Abhijeet Tripathi, Mannat Ahluwalia
Industries for internship	Internship(ECE)	Hcl noida	May2018	June2018	Aditya yadav
Industries for internship	Internship(ECE)	Power grid sec 29 gurgaon	May2018	June2018	Agrani Kulshrestha Akhil Arora, Himanshu Goyal, Kunal Gupta, Shivangee Aggarwal, Soumya Roy, Pankaj, Muskan Rai
Industries for internship	Internship(ECE)	Rites ltd	May2018	June2018	Amritansh bakshi
Industries for internship	Internship(ECE)	Jbm gurgaon	May2018	June2018	Ankit ruhil
Industries for internship	Internship(ECE)	Cube 26	May2018	June2018	Arnav jain
Industries for internship	Internship(ECE)	Vk electronics	May2018	June2018	Ayush rana
Industries for internship	Internship(ECE)	Incrediminds	May2018	June2018	Ayushi rajput

Industries for internship	Internship(ECE)	Jmvas telecommunications pvt ltd.	May2018	June2018	Diwanshu bansal
Industries for internship	Internship(ECE)	Airports authority of india, chennai airport	May2018	June2018	Esha changotra
Industries for internship	Internship(ECE)	Exicom telesystems, sec 18 ,gurgaon	May2018	June2018	Gungun saini
Industries for internship	Internship(ECE)	Airtel	May2018	June2018	Harsh Thakran, Kunal Sangwan
Industries for internship	Internship(ECE)	Idemia	May2018	June2018	Harshit sharma
Industries for internship	Internship(ECE)	Icon power solutions pvt. Ltd. Plot no. 35, sector 8 imt manesar (gurugram)	May2018	June2018	Hemant Thakran
Industries for internship	Internship(ECE)	Delta electronics india pvt ltd	May2018	June2018	Himanshu Gulati
Industries for internship	Internship(ECE)	Dealord pvt. Ltd.	May2018	June2018	Jatin Kaushik, Karan
Industries for internship	Internship(ECE)	Exicom telesystem	May2018	June2018	Jay kaushik
Industries for internship	Internship(ECE)	Ccna	May2018	June2018	Kanishk yadav
Industries for internship	Internship(ECE)	Statelead dishpatch center(sloc)	May2018	June2018	Kartikay saini
Industries for internship	Internship(ECE)	Iforher	May2018	June2018	Manek seth
Industries for internship	Internship(ECE)	Reliance jio infocom	May2018	June2018	Naman Arora, Sanchit Sodhi, Sarthak Shikhar. Rituraj Singh, Ritika Sharma, Parvesh Yadav, Prachi Aswal, Aparna Sharma
Industries for internship	Internship(ECE)	CCNA	May2018	June2018	Niharika Lohan
Industries for internship	Internship(ECE)	Exicom tele system, sec-18 Gurgaon	May2018	June2018	Pankaj Janghu
Industries for internship	Internship(ECE)	Minda, nawada fatehpur	May2018	June2018	Piyush Baweja
Industries for internship	Internship(ECE)	Mtnl	May2018	June2018	Pulkit Sikka
Industries for internship	Internship(ECE)	Napino, imt manesar	May2018	June2018	Rahul Malik, Rajneesh Rana
Industries for internship	Internship(ECE)	Tcs gurgaon	May2018	June2018	Reema

Industries for internship	Internship(ECE)	Taj hotel dubai	May2018	June2018	Ruheen Yadav
Industries for internship	Internship(ECE)	Mps	May2018	June2018	Sachin Yadav
Industries for internship	Internship(ECE)	Bsnl rohtak	May2018	June2018	Sagar, Shubham Verma
Industries for internship	Internship(ECE)	Bharat electronics ltd gzb	May2018	June2018	Sahil Arora
Industries for internship	Internship(ECE)	Minda group gurgaon	May2018	June2018	Sherry Chauhan
Industries for internship	Internship(ECE)	Mprs biological vasant kunj	May2018	June2018	Shrey Malhotra
Industries for internship	Internship(ECE)	Bsnl rewari	May2018	June2018	Shubham
Industries for internship	Internship(ECE)	Exicom sec18 gurgaon	May2018	June2018	Shubham Soni
Industries for internship	Internship(ECE)	Nokia	May2018	June2018	Shweta Dixit
Industries for internship	Internship(ECE)	CP 05 SEC 88 ITM MANESAR GURGAON	May2018	June2018	Sudhir Malik
Industries for internship	Internship(ECE)	MPRS BIOLOGICAL PVT.LTD.	May2018	June2018	Tanmay Gogia
Industries for internship	Internship(ECE)	MTNL shadipur	May2018	June2018	Vaibhav Sharma
Industries for internship	Internship(ECE)	Central electronics limited 4, industrial area, sahibabad, uttar pradesh 20101	May2018	June2018	Vibhu Mehta
Industries for internship	Internship(ECE)	Hpe con traininig programe	May2018	June2018	Vipul Garg
Industries for internship	Internship(ECE)	Schneider electric (cyber city gurugram)	May2018	June2018	Yash Karan
Industries for internship	Internship(ECE)	Lastec laser science & technology centre (lastec) delhi drdo	May2018	June2018	Yukti Bhasin
Industries for internship	Internship (SOL)	Chetnalya Bhai Vir Singh Marg, New Delhi	11.12.2017	08.01.2018	Aditya Yadav Poorvi Garg Rachit Gupta Ritu Sharma Ruchika Sharma Saachi Chaudhary Siya Atri Tanish Manuja

						Vatsala Kaushik
						Vrinda Bharadwaj
						Roma Sangwan
						Tanish Arora
						Rishabh Rana
						Prince
						Rahul
						Vasu Bhutani
						Saurav
						Vivek
						Smita Mishra
						Muskan
						Dhruv Dahiya
						Rahul Sodhi
						Simran
						Arjun
Industries for internship	Internship(SOL)	Prachi Educational Society	11.12.2017	08.01.2018		Akhil Yadav
						Apoorva Dewan
						Anshul Dixit
						Chhavi Rohtagi
						Dipshikha Kumari
						Ekta
						Harsh Vats
						Jagriti Sangwan
						Kanika Kapoor
						Mallika Choudhary
						Manan Singh Randhava
						Mansi Pahal
						Mehak Bhambri
						Muskan Abrol
						Muskan Dahiya
						Praduman Kaushik
						Preet Verma
						Priya Rai
						Priyanshu Yadav
						Ritik Ladha
						Sakshi Verma

					Samarth Makhija
					Sanket Gupta
					Siddhant Kundu
					Suraj Yadav
					Swapnil Bahl
					Taniya Mahajan
					Vinayak Jayaram
					Tripti Kaushik
					Mohit Bhardwaj
Industries for internship	Internship(SOL)	Udayan Care, Delhi	11.12.2017	08.01.2018	Arushi Kulshrestha Avik Malik Gourango Pradhan Sidhanth Kaul Vishu Goel Prerna Khandelwal Vasu Bhutani Anisha Jaiswal Sanjana Yadav Sanya Kapoor Urvashi Wadhwani
Summer Internship	Student Internship(ME)	Ifb Ltd Binola Haryana Mr Ruchir Mathur 7027745052	01.06.2018	20.07.2018	Abhinav Aggarwal Ayush Acharya
Summer Internship	Student Internship(ME)	Hero Moto Corp Dharuhera Plant Rewari Ajay Kumar Saini 8059211707	01.06.2018	20.07.2018	Abhinav Chaturvedi
Summer Internship	Student Internship(ME)	Motherson Dlf Phase 2 Gurgaon Raju Rawat 9810926375	01.06.2018	20.07.2018	Abhishant Indolia
Summer Internship	Student Internship(ME)	Siemens Ltd Plot No. 78 Tower B Sec- 18 Ggn	01.06.2018	20.07.2018	Abhishek
Summer Internship	Student Internship(ME)	Lastec (Drdo) (C) Civil Lines, New Delhi Shri Haribabu Srivastava	01.06.2018	20.07.2018	Abhishek Chauhan
Summer Internship	Student Internship(ME)	Alp Nishikawa Sector 18 Gurgaon Neeraj 9911001577	01.06.2018	20.07.2018	Abhishek Kaushik Akshaya Kumar Kirshan Dagar
Summer Internship	Student Internship(ME)	Carrier Air Conditioning And Refri. Narsing Pur Gurgaon Dhurav Pratap 9971306702	01.06.2018	20.07.2018	Akshay Kumar
Summer Internship	Student Internship(ME)	Escorts Ltd Sec- 16 Faridabad Mr Amnish 8699738500	01.06.2018	20.07.2018	Akshit Gupta
Summer Internship	Student Internship(ME)	Excel Engineers Kadipur Industrial Area Gurgaon Abhishek Yadav 8826153074	01.06.2018	20.07.2018	Aman Kharb Deepansh Agrawal Kuldeep Singh

Summer Internship	Student Internship(ME)	Ge Power Ltd Plot -7 Sec-127 Noida Up-201301 Mr Uttpal Kumar Dutta	01.06.2018	20.07.2018	Aman Kumar
Summer Internship	Student Internship(ME)	Gkn Driveline Pvt Ltd Sec-24 Faridabad Mr Vijay Kr Gupta	01.06.2018	20.07.2018	Anik Halder Ashish Kumar Yadav
Summer Internship	Student Internship(ME)	Maruti Suzuki India Ltd Sector 18 Gurgaon Ramphal Singh	01.06.2018	20.07.2018	Ankit Vinay
Summer Internship	Student Internship(ME)	Orion Hyundai 17, Meharuli Road , Gurgaon122001 Deepak Vasist 8588891527	01.06.2018	20.07.2018	Ankit Arora
Summer Internship	Student Internship(ME)	Suneel Auto Comp Private Limitedudyog Vihar Daultabad Ajay 9810469504	01.06.2018	20.07.2018	Ankit Chahal Monu Yadav Prashant Kumar Rahul Sharma Rakshit
Summer Internship	Student Internship(ME)	Jbm Ltd Plot No.-5 Atlas Chowk Ggn Sunil Kumar	01.06.2018	20.07.2018	Anmol Pachauri
Summer Internship	Student Internship(ME)	Dlf Ltd Dlf -5 Gurugram Mr Ravi Pratap Singh 9868060508	01.06.2018	20.07.2018	Ayush Parmar
Summer Internship	Student Internship(ME)	Guru Gobind Singh Refinery Bathinda Arvinder Jeet Singh 9999201713	01.06.2018	20.07.2018	Baljinder Singh
Summer Internship	Student Internship(ME)	Jtekt India Ltd 36/8 Dehli -Jaipur Road Ggn Shri Bhagwan 9891700980	01.06.2018	20.07.2018	Devesh Jakhar
Summer Internship	Student Internship(ME)	Mace (C) Manesar Rajkumar 9466866111	01.06.2018	20.07.2018	Dheeraj Khatri Neel Shanker Dixit Prateek Dhingra Rahul Kumar
Summer Internship	Student Internship(ME)	Satyam Enterprises Amru Faridabad Kapil Yadav 8802700174	01.06.2018	20.07.2018	Gaurav Manjeet Yadav
Summer Internship	Student Internship(ME)	Carrier Narsinghpur Mr Avnish Kumar	01.06.2018	20.07.2018	Gaurav Bisht
Summer Internship	Student Internship(ME)	Span Auto Tech Pvt Ltd Plot-10-11,Street -1 Opp-Sec-25, Faridanad Kailash Gandhi 9212541400	01.06.2018	20.07.2018	Gurdeep Singh
Summer Internship	Student Internship(ME)	Epcos Nashik Mr Suresh Pantt 9810015985	01.06.2018	20.07.2018	Harshit Suri
Summer Internship	Student Internship(ME)	Power Grid Corp. Ltd Plant 2 Sec-29 Gurgaon R C Tiwari 8377985543	01.06.2018	20.07.2018	Ishan Tiwari Mohit Gupta
Summer Internship	Student Internship(ME)	Talbros India Ltd. 14/1 Mathura Road Faridabad Sahil Madan	01.06.2018	20.07.2018	Jatin Gogia
Summer Internship	Student Internship(ME)	Sunbeam Auto Pvt Ltd Nh-8 Jaipur -Gurgaon Highway Hgurgaon Mohit Khudaniya	01.06.2018	20.07.2018	Kamal Jangid

Summer Internship	Student Internship(ME)	7741616668			
Summer Internship	Student Internship(ME)	Frends Forging Pvt Ltd Plot No47, Sec-58 Faridabad Mr J.L Malhotra 9810041746	01.06.2018	20.07.2018	Mayank Juneja Nikhil Juneja
Summer Internship	Student Internship(ME)	Northern Railway Shakur Basti New Delhi Ashok Kumar	01.06.2018	20.07.2018	Mohan Gupta
Summer Internship	Student Internship(ME)	Eil India Ltd. Sec-16, Gurgaon M.Y Ali	01.06.2018	20.07.2018	Muhammad Talha
Summer Internship	Student Internship(ME)	Trw Sun Steering Wheels Pvt Ltd 35,Huda Industrial Area Sec-18,Gurugram -122015 Bhupindra Singh 9899599857	01.06.2018	20.07.2018	Naveen Yadav
Summer Internship	Student Internship(ME)	Iocl Panipat Refinery Paramjeet Singh	01.06.2018	20.07.2018	Navjot Singh
Summer Internship	Student Internship(ME)	Oswal Casting Pvt Ltd Plot No-21, Sec-25 Faridabad Saurabh 9871799960	01.06.2018	20.07.2018	Nischay Arora
Summer Internship	Student Internship(ME)	Niti Aayog, Tata Motors (T)	01.06.2018	20.07.2018	Parth Satyawali
Summer Internship	Student Internship(ME)	Rico Auto Industries Ltd. 38 Km Mile Stone, Delhi-Jaipur Highway, Gurgaon R S Yadav	01.06.2018	20.07.2018	Piyush Mittal Vipul Parmar
Summer Internship	Student Internship(ME)	Denso Noida Saurav	01.06.2018	20.07.2018	Prateek Choudhary
Summer Internship	Student Internship(ME)	M/S Micro Turners Pvt Ltd Hishar Road Rohtak	01.06.2018	20.07.2018	Pulkit Vij
Summer Internship	Student Internship(ME)	Life Cnc Tools Faridabad Mr Nakra 9910038853	01.06.2018	20.07.2018	Rijul Aery Rohit Jakhar Rohit Kaushal
Summer Internship	Student Internship(ME)	Kirby Building Systems Hardwar Uttrakhand S. Swinder Pal Singh 8954331313	01.06.2018	20.07.2018	Saideep Thussu
Summer Internship	Student Internship(ME)	Jbm Ltd Sec-24, Faridabad Mr Abhinav 9958438838	01.06.2018	20.07.2018	Satender Singh Sorout
Summer Internship	Student Internship(ME)	Samarth Iit Delhi Sunil Jha	01.06.2018	20.07.2018	Sehaj Singh Rekhi
Summer Internship	Student Internship(ME)	Unitech Machines Ltd. Um House, Sector-44,Gurgaon Satish Kumar	01.06.2018	20.07.2018	Shivain Solanki Vikram Saini Vikrant Solanki
Summer Internship	Student Internship(ME)	Orion Hyundai 17, Meharuli Road , Gurgaon122001 Deepak Vasist 8588891527	01.06.2018	20.07.2018	Shivam Arya

Summer Internship	Student Internship(ME)	Plasser India Badarpur Border, Faridabad P.M. Sharma 9953184969	01.06.2018	20.07.2018	Shivam Sharma
Summer Internship	Student Internship(ME)	Joltindiaelectric B Block, Janak Puri, New Delhi Deepak 9716130797	01.06.2018	20.07.2018	Shubham Atreya Shubham Gagal
Summer Internship	Student Internship(ME)	Terra Motors India Ltd. Manesar Deepak Tripathi	01.06.2018	20.07.2018	Shubham Jha Suraj Yadav Tarun Rana
Summer Internship	Student Internship(ME)	Sunbeam Auto Pvt Ltd 38/6 Km Stone Narsinghpur, Nh-48 Mr Madan Lal 9811056893	01.06.2018	20.07.2018	Thakur Abhilash Singh Vaibhav Manchanda
Summer Internship	Student Internship(ME)	Ppap Automotive Ltd. B-206,Sec-81, Phase Ii Noida Kashish Nayyar 99999169600	01.06.2018	20.07.2018	Vikas Boora
Summer Internship	Student Internship(ME)	Rico Auto Industries Near Hero Honda Chowk Deepak Rana 9990020407	01.06.2018	20.07.2018	Vikas Chauhan
Summer Internship	Student Internship(ME)	Maruti Suzuki India Ltd Plotno.1phase -3a, Imt Manesar	01.06.2018	20.07.2018	Vikas Chauhan
Summer Internship	Student Internship(ME)	Maruti Suzuki India Ltd Old Palam Road Gurgaon Kapil Pandey 9811261629	01.06.2018	20.07.2018	Vinayak Sachdeva
Summer Internship	Student Internship(ME)	Sadhu Forging Ltd Sec-24 Faridabad, Plot-140.	01.06.2018	20.07.2018	Yash Aggarwal
Summer Internship	Student Internship(ME)	Rajhans Treffing Plot -1,66 /166, Sec-24 Faridabad Mr Vikash Gupta 9818553516	01.06.2018	20.07.2018	Yash Agarwal
Summer Internship	Student Internship(ME)	Jbm Ltd Udyog Vihar Phase -Iv Gurgaon Khiladi Singh	01.06.2018	20.07.2018	Yogesh Yadav
Summer Internship	Student Internship(ME)	Air India Engineering Ltd Plalam Air Port --New Delhi Mr Jitender 9810577046	01.06.2018	20.07.2018	Dipanshu (6 Sem)
Summer Internship	Student Internship(ME)	Capro Maruti Ltd 7,Jv Complex Delhi Gurgaon Road Ggn Lalit Mahajan	01.06.2018	20.07.2018	Abhishek Jatrana (4 Sem)
Summer Internship	Student Internship(ME)	Maruti Suzuki India Ltd Old Palam Gurgaon Road, Ggn Vinay Kumar 9911582560	01.06.2018	20.07.2018	Addit Bhardwaj
Summer Internship	Student Internship(ME)	Subros Pvt Ltd B-188,Phase -2, Noida-201304	01.06.2018	20.07.2018	Aditya Bhargav
Summer Internship	Student Internship(ME)	V.K Rubb & Plast Inda. Pvt Ltd, Shona Road Gurgaon	01.06.2018	20.07.2018	Aditya Jatrana

		Mr V.K Todon 9871383696			
Summer Internship	Student Internship(ME)	Volvo Service Centre K2-258, Mam Chan Dhania Marg Near G.T Karnal Road Delhi Navneet 9717391894	01.06.2018	20.07.2018	Akash Shivhare
Summer Internship	Student Internship(ME)	Qh Talbros Pvt Ltd Sec-24 Udyog Vihar Gurgaon Mr Surender	01.06.2018	20.07.2018	Aman Kumar
Summer Internship	Student Internship(ME)	Skh Metals Ltd. Plot N02, Maruti Joint Ventureggn Munesh Kumar	01.06.2018	20.07.2018	Amit Daksh Kumar Kashish Verma Kumar Abhijeet
Summer Internship	Student Internship(ME)	J Tekt Corporation India Ltd 38/6, Nh-48, Nursingpur Delhi Jaipur	01.06.2018	20.07.2018	Anirudh Verma
Summer Internship	Student Internship(ME)	Jbm Kapeshera -Phase -Iv Gurgoan Tomar 9811623746	01.06.2018	20.07.2018	Anubhav Bhatia
Summer Internship	Student Internship(ME)	Hppcl Ltd Himachal Pradesh Mr Anoop Gautam 9857302935	01.06.2018	20.07.2018	Arjun Kapoor
Summer Internship	Student Internship(ME)	Capro Maruti Ltd 7,Jv Complex Delhi Gurgaon Road Ggn Lalit Mahajan	01.06.2018	20.07.2018	Arun Dorata
Summer Internship	Student Internship(ME)	Whirlpool Of India Ltd Plot No.28, Sec-24 Nit Faridabad	01.06.2018	20.07.2018	Ayush Yadav
Summer Internship	Student Internship(ME)	V.K Rubb & Plast Inda. Pvt Ltd Shona Road Gurgaon Mr V.K Todon 9871383696	01.06.2018	20.07.2018	Deepak
Summer Internship	Student Internship(ME)	Surya Roshni Ltd Udyogvihar Bhadurgarhharyana	01.06.2018	20.07.2018	Deepak Sharma Dhruv Kamra
Summer Internship	Student Internship(ME)	Relax Sofa Mfg. Ltd. Toronto, Ontario, Canada Anil Munyal 14168277120	01.06.2018	20.07.2018	Divyam Puniani
Summer Internship	Student Internship(ME)	Cosmo Engineers Dabua Pali Nit Faridabad Dinesh Arya 9871285799	01.06.2018	20.07.2018	Divyank Arya

Summer Internship	Student Internship(ME)	Veegee Ltd Nit Faridabad Mr Sunil	01.06.2018	20.07.2018	Gaurav Saini
Summer Internship	Student Internship(ME)	Maruti Suzuki India Ltd.Gurgaon	01.06.2018	20.07.2018	Gaurav Singh
Summer Internship	Student Internship(ME)	Northern Railways Delhi	01.06.2018	20.07.2018	Harsh Jatin Kumar
Summer Internship	Student Internship(ME)	Bhushan Steel Ltd 23 Site - 4, Sahibabad, Sourabh Mittal 9811798043	01.06.2018	20.07.2018	Harsh Kumar
Summer Internship	Student Internship(ME)	Maruti Suzuki Service Zone 136,Sector,Part-1 Huda Panipat-132103 Himanshu Arora 9215266690	01.06.2018	20.07.2018	Jatin Malik
Summer Internship	Student Internship(ME)	Maruti Suzuki India Ltd, Old Palam Gurgaon Road, Ggn Mr Manoj Yadav	01.06.2018	20.07.2018	Jatin Yadav Jayant Joshi Jayant Kaushik
Summer Internship	Student Internship(ME)	Pb Fan Pvt Ltd C-10, Ashoka Tower Janak Puri N.Delhi Mr Rajiv Jain 9810057612	01.06.2018	20.07.2018	Kanan Jain
Summer Internship	Student Internship(ME)	`Jbm Ltd Sec-18, Udyog Vihargurgaon Mr J.C Phatak	01.06.2018	20.07.2018	Kapil Yadav
Summer Internship	Student Internship(ME)	Honda Motors Sec-3 Imt Manesar Mr Ajay Dhar	01.06.2018	20.07.2018	Khushal Sharma
Summer Internship	Student Internship(ME)	Siltop Auto Component Pvt Ltd Plot No. 514, Pace 2, Sec-37 Ggn Mr Suresh	01.06.2018	20.07.2018	Manoj Malik
Summer Internship	Student Internship(ME)	Maruti Ltd Manesar	01.06.2018	20.07.2018	Milind Mudgal
Summer Internship	Student Internship(ME)	Skh Sila India Pvt Ltd 971shikohpur Nh-8 Gurgaon Mr Sandeep Yadav	01.06.2018	20.07.2018	Mohit Yadav
Summer Internship	Student Internship(ME)	Northcap University Sector 23 A Gurugram Abhishek Singh	01.06.2018	20.07.2018	Naman Sharma Nishant Rawat Nitin Vashisth Pankaj Kumar Sharma Paras Tyagi Parikshey Gahlot Parthendra Bhardwaj Pradyumn Vashishtha

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					Prakhar Srivastava
					Prateek Tanwar
					Preet Yadav
					Rahul Sharma
					Rajat Awasthi
					Rakesh Verma
					Rishabh Dhuharia
					Rohan Gusain
					Shantanu Sodhi
					Rishabh Dhuharia
Summer Internship	Student Internship(ME)	Maruti, Old Palam Gurgaon Maruti, Old Palam Gurgaon Pawan Kumar	01.06.2018	20.07.2018	Nitin Vashisth Pankaj Kumar Sharma Paras Tyagi Parikshey Gahlot Parthendra Bhardwaj Pradyumn Vashishtha Prakhar Srivastava Prateek Tanwar Preet Yadav Rakesh Verma
Summer Internship	Student Internship(ME)	Nirvana Pharmaceticals Sec-10 A Gurgaon Mr Naresh Yadav	01.06.2018	20.07.2018	Preet Yadav
Summer Internship	Student Internship(ME)	Kspg Automotive India Pvt. Ltd. Village Takwe Budrak,Pune Raahul Deshpande	01.06.2018	20.07.2018	Rahul Sharma
Summer Internship	Student Internship(ME)	Royal Spm Pvt Ltd Sec-9 Basai Village , Gurgaon Mr Mukesh Yadav	01.06.2018	20.07.2018	Rajat Awasthi
Summer Internship	Student Internship(ME)	Ntpc Dadri Vidyut Nagar, Uttar Pradesh Ms. Pratibha Singh	01.06.2018	20.07.2018	Rohan Gusain
Summer Internship	Student Internship(ME)	Jbm Pvt Ltd Imt Manesar Sector 3 Ggn Mr Ratiram Yadav	01.06.2018	20.07.2018	Rohit Yadav
Summer Internship	Student Internship(ME)	Sterlings Jetting Systems Pvt Ltd Kharkhana Bagh Fardabad Amit Sharma	01.06.2018	20.07.2018	Shivam Vats
Summer Internship	Student Internship(ME)	Mahindra Pvt Ltd Sec-17 Sukhrali Enclave Ggn	01.06.2018	20.07.2018	Vansh Ratra
Summer Internship	Student Internship(ME)	Escorts Ltd Fbd Alok Yadav	01.06.2018	20.07.2018	Yogansh Kwatra

Project Work (CEE)	MOU	G. Engg. Advisory Services Pvt	July 2017	April 18	Gaurav Sharma
Project Work(CEE)	MOU	IRSC, IIT Delhi	July 2017	April 2018	Yash Gupta
Project Work(CSE)	Industry based Project	Nagarro, Gurugram	July 2017	Dec 2017	Adit Makkar Akshay Gupta Abhishek Tyagi
Project Work(CSE)	Industry based Project	OnActuate, Gurugram	July 2017	Dec 2017	Kashish Saini Kunal Sharma Mohit Yadav
Project Work(CSE)	Industry based Project	UTS, Gurugram	July 2017	Dec 2017	Gaurav Lohia Himanshu Gupta Sachin Kushwaha Rohit Malhotra Sandeep Yadav
Project Work(CSE)	Industry based Project	IOT-NCR Group	July 2017	Dec 2017	Shubhashree Dash Vaibhav Rajput Yash Yadav
Project Work(CSE)	Industry based Project	Gosporto, Gurgaon	Jan2018	July2018	Vaibhav Mago Sumit Yadav Yanshul Parjapat
Project Work(CSE)	Industry based Project	SAP Labs, India	July 2017	Dec 2017	Aadish Goel Anurag vats Anurag Anubhuti Gupta
Project Work(CSE)	Industry based Project	MMB	July 2017	Dec 2017	Deepanshu Jain Garv Pushkarna Harshit Wadhwa
Project Work(CSE)	Industry based Project	OnActuate-Gurgaon	July 2017	Dec 2017	Vithika jindal Sunakshi dutt Rupal kapoor
Project Work(CSE)	Industry based Project	Technoplanet Lab Pvt Ltd, Noida	July 2017	Dec 2017	Shubham Bedi Shubham Garg Shubham Garg
Project Work(CSE)	Industry based Project	Ansyst Consulting	July 2017	Dec 2017	Manu Gupta Mayank Rustagi

					Milind Wadhwa
Project Work(CSE)	Industry based Project	Naggarro	Jan2018	July2018	Prateek Kalra Prashant Singh Nitin Gupta
Project Work(CSE)	Industry based Project	UTS	Jan2018	July2018	Antriksh Mudgal Akshit Bansal Akhil Goyal
Project Work(CSE)	Industry based Project	Accenture, Gurugram	Jan2018	July2018	Jayant Goyal Hardeep Sahni Dikshant Kajal
Project Work(CSE)	Industry based Project	C-DAC	Jan2018	July2018	Sibadatta Sasmal
Project Work(CSE)	Industry based Project	Jolt	Jan2018	July2018	Rashi Rustagi Anchit Bhalla Adrialle Dsouza
Project Work(CSE)	Industry based Project	Codes Lipi Infotech	Jan2018	July2018	Deepa Chaudhary
Project Work(CSE)	Industry based Project	Jolt	Jan2018	July2018	Gaurav Gulati Garvit Aggarwal Chirag Nassa
Project Work(CSE)	Industry based Project	Fidelity	Jan2018	July2018	Shankar Narain Vaishali Rani
Project Work(CSE)	Industry based Project	Viz Executives	Jan2018	July2018	Aadita Gandhi Aastha Sharma
Project Work(CSE)	Industry based Project	Viz Executives	Jan2018	July2018	Ankit Kumar Pandey Anshul Goyal Bhupesh Singla
Project Work(CSE)	Industry based Project	UTS	July2017	Dec2017	Rohit, Sandeep Gaurav,Himnshu Sachin Khushwa
Project Work(CSE)	Industry based Project	QuickDoctorin Pvt.Ltd.	Jan2018	July2018	Rohan
Project Work(CSE)	Industry based Project	BOOkchor	July2017	Dec2017	Harsh Aggarwal, Rajat
Project Work(CSE)	Industry based Project	Lendbox	Jan2018	July2018	Aadish,Madhur, Nikhil Taneja, Nikhil Gupta

Project Work(CSE)	Industry based Project	Lendbox	Jan2018	July2018	Madhav Goyal, Manu Gupta, Dinki Khatri, Kunal Aggarwal
Project Work(CSE)	Industry based Project	eSec	July2017	Dec2017	Keshav,Gauri,Ni Shant Hooda
Project Work(CSE)	Industry based Project	TrioTechSol.Pvt.Ltd.	Jan2018	July2018	Sidharth, Mohit, Deepanshu
Project Work(CSE)	Industry based Project	GamesonZone	Jan2018	July2018	Jogender Yadav Deepanshu Jain Prerna Padhee Garv Pushkarna Rachita Rishab Arora
Project Work(CSE)	Industry based Project	TeraBundle Anlytics	Jan2018	July2018	Lokesh Parmar Meenakshi Sharma Manas Chopra
Project Work(CSE)	Industry based Project	MMB builbers	Jan2018	July2018	Akash, Ajay, Pankaj
Project Work (ECE)	Battery Monitoring System for a UPS using Arduino and GSM Module	Su-Kam Power Systems Limited	July 2017-	June 2018	Anuj Kumar Ankita Mehar
Project Work (ECE)	Predictive Analytics using Machine Learning Algorithms	Hansa Customer Equity Pvt Ltd	July 2017-	June 2018	Sakshi Jawarani
Project Work (ECE)	Producion of SMR (Switch Mode Rectifier)	EXICOM Power Solutions	Jan 2018	Dec 2018	Devanshi Bhatia Sakshi Juneja
Project Work (ECE)	MCM (Monitoring Control Module)	EXICOM Tele Systems	Jan 2018	Dec 2018	Sanjeev Kumar
Project Work (ECE)	Industry based Project	DRDO	May2018	June2018	Hemang Prashar
Project Work (ECE)	Industry based Project	IIT DELHI	May2018	June2018	Pulkit
Project Work (ECE)	Industry based Project	Airport Authority of India	May2018	June2018	Sudeepa Yadav, Surbhi Thakkar, Vipul Guglani

Project work(APS)	Optimization of electron transport layer of solar cell	Amity University ,Noida	Dec.2017	May2018	Dr.Sunita Sharma
Project work (SOL)	6-P Project	Navjyoti India Foundation, Gurgaon	11.012.2017	8.01.2018	Amit Kataria Arzoo Yadav Avantika Mishra Chhavi Gaur Hardik Sharma Harshish Singh Harshit Sharma Mayank Dagar Pardeep Yadav Pratibha Rohit Choudhary Sahil Sahil Bhardwaj Sahil Rathee Shivam Mehta Vivek Bishnoi Harsh Bharadwaj Arshdeep Kalia
Project work (ME)	Major Project Work	Maruti Center for Excellence	December 2017	December 2018	Saniya Sood (14MEU082) Tarun Rana (14MEU101) Umang Gulati (14MEU104) Vagish (14MEU105) **GKN Driveline** Ankit Vats (14MEU017) **Satyam Enterprises** Aniket Mendiratta (13MEU012)
Sharing of research Facilities (APS)	Collaborative Research with Dr. Sunita Bhagat	University Of Delhi	27.01.2014	to till Date	Dr.Tejpal Singh
Sharing of research Facilities (APS)	Collaborative Research with Prof.Hemant K.Gautam	CSIR Lab	15.04.2017	to till Date	Dr.Tejpal Singh
Sharing of research Facilities (APS)	Instrumental Facilities of IIT Delhi with Dr.D.K.Sharma	IIT Delhi	01.01.2018	to till Date	Dr.Tejpal Singh
Sharing of research Facilities (APS)	Collaborative Research withDr.B.D.Malhotra	Delhi Technical University	July 2017	March 18	Aditya Sharma
Sharing of research Facilities (APS)	Sources of CRF Lab	Amity University Jamia Islamia University	2017	2018	Dr. Ambika Devi

Others (CEE)	ICI Institutional membership	ICI	May 2018	Lifetime	CEE Deptt.
Others (ME)	Student placemen	ISHRAE,	06.11.2017	08.11.2017	14 students from NCU sub-chapter. 4 of them have been offered job positions Abhishek Yadav 14MEU005 Aditya P. Singh 14MEU008 Jitender Verma 14MEU034 Mayank Kak 14MEU046

3.7.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU Signed	Purpose and Activities	Number of student/teacher participated under MoUs
Bhavishya India Ltd	12.04.2018	1. Placements 2. Empanelment of NCUTC for consultancy 3. Internships	Co-ordinator: Mr. Shubham Bansal 3 Students
Smash Contractors	11.03.2018	1. Placements 2. Empanelment of NCUTC for consultancy 3. Internships	Co-ordinator: Mr. Shubham Bansal
IRSC, IIT Delhi	01.04.2017	IRSC will provide various resources to the university: 1. Chapter will provide speakers for five guest lectures in a year. 2. Policy, Operational and Technical Internship opportunities for B.Tech students. 3. Chapter will conduct one workshop on road safety with a partner hospital at NCU. 4. It will conduct awareness sessions in nearby schools with student volunteers. 5. IRSC will help in establishing contact with various NGOs, hospitals, foundations etc. 6. Certificates and letter of recommendation will be provided to student volunteers from IIT Delhi.	Co-ordinator: Mr. Shubham Bansal 10 Students
Seafaradays Energy Pvt. Ltd.	11.09.2018	1. Placements 2. Exchange of Research Ideas 3. Internships	Co-ordinator: Mr. Shubham Bansal 3 Students
Michigan Tech University	21.05.2018	1. Faculty Exchange Programme	Co-ordinator: Dr

		2. Student Exchange Programme	Rita Chikara and 2 others 3 Students
G.Engg. Advisory Pvt. Ltd.	28.09.2017	1. Internships 2. Placements 3.Guest Lectures 4. Externships 5. Site Visits	Co-ordinator: Mr Lokesh Choudhary 30 Students
ITB Ireland	2013	Undergraduate Exchange Graduate Admission Exchange Double count Credits for an Accelerated master's Degree Exchange of information on latest technology Joint Projects/Conferences Visits of Resource Persons	Co-ordinator: Dr Manoj Gopaliya 08 Students
University of Dayton	2018	Undergraduate Exchange Graduate Admission Exchange Double count Credits for an Accelerated master's Degree Exchange of information on latest technology Joint Projects/Conferences	Co-ordinator: Dr Vijender Singh
Mitshubishi Electric India Pvt Ltd	13.09.2017	To support faculty and students to learn and implement automation using PLC, HMI, VFD and servo motors on various hardware projects and equipments provided by Mitsubishi Electric India Pvt. Ltd.	Co-ordinator: Dr Anjali Garg and Nine others 100 students
ISRO-SAC Ahemdabad	05.02.2018	installation of the IRNSS receivers and and research on mutually agreed topics	Co-ordinator: Dr Sharda Vashist and All ECE Faculty 200 Students 7 Research Scholars
Maruti Center for Excellence (MACE)	11.04.2018	Collaborate in the field of Training and Development of the students through practical & theoretical trainings and through projects during the internships	Co-ordinator : Mr Abhishek Pratap Singh
Daikin Air-Conditioning India Pvt Ltd (DAIPL)	26.03.2018	To establish a 'Centre of Excellence' on HVAC Systems at the University that will impart practical skill training and industrial exposure to the students within the campus	Co-ordinator : Mr J P Dahiya
Beijing Wave Spectrum	21.09.2016	Equipment Supply and training	Co-ordinator : Dr Rohit S.Lather 2placement:3.6L PA Aditya Chaudhary (13meu005) Vaibhav Kaushik (13meu113)

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year (in lacs)

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
200	**217.05**

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	**10 Acres**	**NIL**
Class rooms	**70**	**NIL**
Laboratories	**57**	**2 (Thought Lab, tinkering Lab)**
Seminar Halls	**02**	-
Classrooms with LCD facilities	**70**	-
Classrooms with Wi-Fi/ LAN	**70**	-
Seminar halls with ICT facilities	**1**	-
Video Centre	**1**	-
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	**YES**	**5 (Firewall, CCTV, Camera, PA Systems, LCD Projectors)**
Value of the equipment purchased during the year (Rs. in Lakhs)	**-**	**41**
Others (Software)	**-**	**19**

4.2 Library as a Learning Resource

4.2.1 Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Libsys 10	**Fully**	**Latest Version Libsys 10**	**---**

4.2.1 Library Services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	61318	10106723.00	2917	19,31,994.00	64235	12038717.00
Reference Books	4219	15,52,542.00	323	124000	4542	1676542.00
e-Books	---	---	28	271716.00	28	271716.00
Journals	174	9,25,525.00	05	24135	179	949660.00
e-Journals	20,245	38,53,055.00	852	258516.00	21097	4111571.00
Digital Database	06	38,53,055.00	02	530232.00	08	4383287.00
CD & Video	1471	Free with Books	0	0	---	---
Library automation	Yes	---	---	---	---	Automated with Libsys 10

					software
Weeding (Hard & Soft)	---	---	---	---	---	---
Others (specify)	---	---	---	---	---	---

4.2.2 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc – **YES** (developed by Outsourced agency)

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e - content
---	---	---	---

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MGBPS)	Others
Existing	954	NIL	YES	NIL	NIL	NIL	0	30	NIL
Added	0	NIL	NO	NIL	NIL	NIL	1 SERVER	100	NIL
Total	954	NIL	YES 100	NIL	NIL	NIL	1 SERVER	100	NIL

4.3.2 Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS /GBPS

4.3.3 Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NIL	

4.4 Maintenance of Campus Infrastructure

4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year (in lacs)

Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
1950	**2002.41**	**3400**	**3478.06**

4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

http://www.ncuindia.edu/images/Procedures%20and%20policies%20for%20maintaining%20and%20utilizing%20physical,%20academic%20and%20support%20facilities.pdf

The University provides for adequate availability of physical infrastructure for conduct of Academic, Sports and other Co-curricular activities, optimum utilization of academic assets like Classrooms,

tutorial Rooms, Labs and Workshop is made by use of ASC software. The fact that the University today, has an excellent infrastructure, bears testimony to a well-established system of fore seeing requirements, planning ahead and project execution with a vision and then maintain the assets created to the highest standards.

All faculty members have been provided with separate well-appointed Cabins. HODs have separate office chambers, Student common rooms are available. The campus is disabled friendly with ramps, lifts, reserved car parking & specially abled toilets.

Library is well equipped and is completely automated through Libsys software. 60MBPS, internet bandwidth is available which provides good internet speed.

8 terminals for print books through OPAC. Remote access to e-publications is also available 24x7.

Sports/ Cultural Activities
To promote students' interest in sports and cultural activities a Music club, Photography Club, Debating Society, Dramatics Club, Quizzing and Mathematics, Social Service clubs NGO – YUKTI are run by the University. Sports facilities for Football, Cricket, Volleyball, Lawn Tennis, and Basketball are available for students.

A state of the art Cafeteria to accommodate 100 students is currently in use, with a provision for extending to providing Gymnasium facility in the basement.

An auditorium with 450 eating facilities of Sound & Video recording and amphitheatre with 2000 seating capacity is available inside the campus. One Seminar hall of 100 seating capacity is available for a smaller size gathering.

An annual budget for maintenance of all Infrastructure facilities is catered for at the beginning of the year.

Maintenance of the Infrastructure
- Physical Infrastructure: Maintained in house through a team of masons, Carpenters, Electricians & Plumbers.
- Maintenance of Service (Electrical, W/S, A/C, Plumbing, Sewage) : Air Conditioning maintenance is done throughout sourced contract. All other services are maintained by our in house team.
- Furniture: Furniture maintenance and renewal is outsourced to a small team of carpenters.
- Arboriculture: A team of 12 gardeners look after our Arboriculture. NCU garden has got the 1st prize from HUDA, Gurugram, for the last 16 years continuously.
- Housekeeping: All housekeeping staff other than the supervisors are outsourced. There are 30 housekeeping staff who works on a daily basis.

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 Student Support

5.1.1 Scholarships and Financial Support

	Name/ Title of the scheme	Number of students	Amount in Rupees
Financial support from institution	Scholarship	197	1544495
Financial support from other sources			
a) National	GATE Scholarship	4	692100
	Enactus (National event)	23	276000
b) International	OSA (International event)	1	200000
	ASQ (International event)	1	193000

5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Soft Skill Development Language Lab Personal Counselling	01-08-2017	517	Internal Faculty

5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2017-18	Career Counselling	517	517	4	304

5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
59	59	7 days

(i)   **A number of Sub Committees are in place in the University to oversee, academic and non-academic issues in which the students are active volunteers. Students give acutely feedbacks, for improvements which are then discussed and implemented.**

- **Infrastructure Sub-Committee**
- **Feedback (Student Redressal Mechanism) Sub-Committee**
- **Library Sub-Committee**
- **IT & related issues Sub-committee**
- **Career and Placements Sub-Committee**
- **Alumni Connect Sub-Committee**
- **Digital Learning & Monitoring Cell**
- **Incubation Centre**

(ii) **The University has the following committees to look into the student grievances and prevention of sexual harassment cases**

- **Feedback (Student Redressal Mechanism) Sub-Committee**
- **Dr Anjali Garg, Chairperson**
- **Ms Jiveta Chaudhary, Member Secretary**
- **No incident of ragging has been ports in the University since 1996.**

5.2 Student Progression

5.2.1 Details of campus placement during the year

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
130 (Mentioned below)	313	304	0	0	0

S.No.	NAME OF THE RECRUITER	S.No.	NAME OF THE RECRUITER
1	Deloitte	66	Home First Finance Company (HFFC)
2	EY Global Delivery Services	67	Horiba
3	Fidelity International	68	HSBC
4	OPTUM - A UnitedHealth Group Company	69	IBI Consultancy
5	Orkash	70	IBM
6	Pink City Expressway	71	ICAT
7	Plasser India	72	IndiGo
8	Protiviti Consulting	73	Indxx Capital
9	Lutron	74	Infogain
10	Abroad Shiksha.com	75	Inter Alliance Werardt
11	Admizzionz Campuz®	76	InvestoSure
12	Adobe Systems India	77	Jacobs
13	Aesop Web Technologies	78	Jagmohan Motors
14	Agile Cockpit	79	Kellton Tech Solutions
15	Ahead WebSoft Technologies	80	Khwahish Social Ventures
16	Alight Solutions	81	Knowlarity Communications India
17	Ameriprise Financial Inc.	82	Lawyered
18	Andritz Hydro	83	Lemon Tree Hotels
19	Anemoi Technologies	84	Libsys
20	Appster	85	Lifelong India Online
21	Asahi India Glass	86	M/s Ram Kumar Contractors
22	AVL India	87	M3M
23	Bechtel Corporation	88	Magneti Marelli India
24	Benepik Technology	89	Mando Softtech India
25	BEUMER	90	Manomav Engineers
26	Bharat Bijlee	91	Meyer Corporation

27	Bhavishya India Group	92	Nagarro
28	Book My Tour Now	93	Naukri.com (Info Edge)
29	Bridgestone	94	NCR Corporation
30	British Telecom	95	Newgen Software Technologies
31	Bvault	96	Next Data Science
32	Byju's (Think & Learn)	97	Online24x7 India
33	Cadence Design System	98	OnlineTyari
34	Cars24	99	Orangewood Labs
35	Castle Global Inc.	100	Pushpa Construction Co.
36	Channelplay	101	Real Time Data Services
37	Chapter Apps inc.	102	RGF India
38	Chegg	103	Rivigo Services
39	Consulting Engineering Services	104	RMS Risk Management Solutions
40	Coral Research Services	105	S.S. Industrial Care Products
41	COWI	106	Sagacious Research
42	Coxwell Domes Engineers	107	SAPIENT
43	Cryoviva India	108	Seafaradays
44	Cyber Group	109	SHRIRAM PISTONS & RINGS
45	Decathlon Sports India	110	Sobha Developers
46	Denso Haryana	111	Social Curry
47	Digital Web Solution	112	Square Root
48	Driftbase Software	113	Steeple Research
49	Dyson Technology India	114	Stellar Search & Selection
50	edWisor.com	115	Stratbeans Consulting
51	eLitmus	116	Syskode Technologies
52	Encore Modular Furniture	117	Taikisha Engineering India
53	Exicom Tele-Systems	118	TechJockey
54	Express Roadways	119	Think Future Technologies
55	Federal Bank	120	TMI Staffing Services
56	FSL Software Technologies	121	Total IT Consult
57	Gemini Solutions	122	UAS International
58	G-Eng Advisory Services	123	Universal Technical Systems
59	Globus Eight	124	VARITE Inc.
60	GREENLAM INDUSTRIES	125	Vivo Mobile India
61	GROZ ENGINEERING TOOLS	126	V-Konnect Associates
62	HDFC Bank	127	Xceedance
63	HealthScion Technologies	128	XSeed Education
64	HeyCare- Crocky Technologies	129	Yatra.com
65	Hi-Tech Gears	130	Zomato

5.2.2 Student progression to higher education in percentage during the year: 42 (approx.)					
Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2017-18	135 (Out of 323)	B. Tech.	Engineering	36 **(Mentioned below)**	M.Tech./ MBA/ LLM

S.No.	Name of Institution Joined	No. of Students
1	Aston University, Birmingham, UK	1
2	Brigham Young University USA	2
3	California State University	3
4	CAT Preparation	10
5	Curtin University	2
6	Delhi Technological University	3
7	Department of Business, Delhi University	4
8	Emirates Aviation University, Dubai	1
9	FAU Erkngan, Tu Darmstadt	1
10	FH WEDEL, Hamburg, Germany	1
11	GGSIPU, Sector 16, Dwarka, New Delhi	1
12	GMAT Preparation	4
13	IAS Coaching	3
14	IES Preparation	3
15	IFHE-ICFAI BUSINESS SCHOOL, HYDERABAD	1
16	IIM Vishakhapatnam	1
17	IIT Gandhinagar	1
18	IIT Roorkee	1
19	Institute of Technology Blanchardstown (ITB), Dublin, Ireland	1
20	Jamia Milia Islamia University, New Delhi	1
21	KARNATAK UNIVERSITY	1
22	OXEGON STATE UNIVERSITY	1
23	M.ENGG ELECTRICAL & COMPUTER FROM UNIVERSITY OF WINDSOR, CANADA	1
24	Monash University Australia	2
25	Murderh Univesity	1
26	NATIONAL INSTITUE OF CONSTRUCTION MANAGEMENT,(NICMAR)	2
27	New Jersey Institute of Technology	1
28	NIT Kurukshetra	1
29	Online	6
30	Oxegon State University, University of Masscheutas, Texas ASM, California State University	1
31	Preparation for MBA	10
32	Preparation for PG	11

33	Preparing for CAT	12
34	RMIT, University	1
35	Rocnester Int. of Tech.	1
36	Rwth Achen, University of Rostock, University of Freiburg, Tu Chemnotz	1

5.2.3Students qualifying in state/ national/ international level examinations during the year (e.g.: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/ qualifying	Registration number/ roll number for the exam
NET	1	-
SET	-	-
SLET	-	-
GATE	3	-
GMAT	-	-
CAT	-	-
GRE	-	-
TOFEL	-	-
Civil Services	-	-
State Government Services	-	-
Any Other	-	-

5.2.4 Sports and cultural activities/ competitions organised at the institution level during the year

Activity	Level	Participants
Sports	State/ University	106

5.3 Student Participation and Activities

5.3.1 Number of awards/ medals for outstanding performance in sports/ cultural activities at national/ international level (award for a team event should be counted as one)

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2017-18	**Mentioned below**	28	16	12	**Mentioned below**	

	NAME OF SPORTS EVENTS	LEVEL	DATE	VENUE	RESULT
1	TABLE TENNIS	INTER UNIVERSITY	11 to 15 Jan.2018	JAMMU	PARTICIPATED
	TABLE TENNIS	INTER UNIVERSITY		GB PANT (IPU)	1ST POSITION
	TABLE TENNIS	INTER UNIVERSITY		NDIM	1ST POSITION
	TABLE TENNIS	INTER UNIVERSITY	1ST APRIL 2018	GANADORS TABLE TENNIS ACADEMY	1ST POSITION
	TABLE TENNIS	INTER UNIVERSITY	1ST APRIL 2018	LNMIIT	PARTICIPATED

	TABLE TENNIS	INTER UNIVERSITY	12 to 15 Oct. 2017	IIT KANPUR	1ST POSITION
2	BASKETBALL (GIRLS)	INTER UNIVERSITY	7 to 9 March 2018	G D GOENKA UNIVERSITY	2ND POSITION
3	BASKETBALL (BOYS)	INTER UNIVERSITY	7 to 9 March 2018	G D GOENKA UNIVERSITY	PARTICIPATED
	BASKETBALL	INTER UNIVERSITY	18 to 19 Nov.2017	BML MUNJAL	1ST POSITION
	BASKETBALL		9-11 FEBRUARY, 2018	SHIV NADAR UNIVERSITY	PARTICIPATED
	BASKETBALL		22-25 March, 2018	BITS, GOA	PARTICIPATED
	FOOTBALL	INTER UNIVERSITY	23 to 26 Feb. 2018	IIT DELHI	PARTICIPATED
5	FOOTBALL	INTER UNIVERSITY	7 to 9 March 2018	G D GOENKA UNIVERSITY	1ST POSITION
6	FOOTBALL	INTER UNIVERSITY	23 to 24 March 2018	AMETY MANESHER	
7	FOOTBALL	INTER UNIVERSITY	23 to 26 Feb. 2018	IIT DELHI	
8	FOOTBALL	INTER UNIVERSITY	18 to 19 Nov.2017	BML MUNJAL	
10	VOLLEYBALL	INTER UNIVERSITY	16 to 18 March 2018	O P JINDAL	1ST POSITION
12	VOLLEYBALL	INTER UNIVERSITY	18 to 19 Nov.2017	BML MUNJAL	2ND POSITION
13	VOLLEYBALL	INTER UNIVERSITY	16 to 18 Feb. 2018	THAPAR	PARTICIPATED
14	VOLLEYBALL	INTER UNIVERSITY	7 to 9 March 2018	G D GOENKA UNIVERSITY	PARTICIPATED
15	VOLLEYBALL	INTER UNIVERSITY	23 to 26 March 2018	DTU	PARTICIPATED
16	VOLLEYBALL	INTER UNIVERSITY	6 to 7 April 2018	KIIT	2ND POSITION
	VOLLEYBALL	INTER UNIVERSITY	23 to 26 Feb. 2018	IIT DELHI	PARTICIPATED
	VOLLEYBALL	INTER UNIVERSITY	12 to 15 Oct. 2017	IIT KANPUR	PARTICIPATED

Table Tennis 22-25 August 2017				
Winner- CSE			**Runner- CIVIL**	
Parth Raj Gupta	16CSU240		Perjesh Sharma	16CVU016
Akit Kumar	14CSU029		Aayush	16CVU001
Abhishek	15CSU005		Amrit	16CVU005
Shubhan Jain	15CSU226		Vaibhav	16CVU031

Chess					
Winner- CSE			**Runner CIVIL**		
Kunal Dhingra	15CSU097		Prajesh Sharma	16CVU016	
Naman Jindal	16CSU223		Amrit	16CVU005	
			Vaibhav Yadav	16cvu031	
			Aayush	16cvu001	
Carrom					
Winner- CSE			**Runner CIVIL**		
Namam Girdhar	16 CSU222		Aayush	16CVU001	
Nitin Verma	16CSU235		Amrit	16CVU005	
Ankit Kumar	14CSU029		Deepak	16CVU008S	
Valley ball 12-15 September 2017 **BOYS**					
Winner ECE			**Runner CSE**		
Arun Kumar	14EEU004		Rohit	14CSU173	
Vivek Yadav	14EEU020		Heemal Yadav	15CSU077	
Ankit Budakoti	15ECU006				
Naman Fulora	15ECU030				
Mohit Joshi	15ECU028				
Arjun Sahrawat	17ECU003				
Ishu Chauhan	15ECU024				

Valley ball   12-15 September 2017
BOYS

Winner	ECE		Runner	CSE	
1 Arun Kumar	14eeu004		1 Rohit	14csu173	
2 Vivek Yadav	14eeu020		2 Heemal Yadav	15csu077	
3 Ankit Budakoti	15ecu006		3 Sachin Yadav	16csu313	
4 Naman Fulora	15ecu030		4 Aman Trehan	16csu036	
5 Mohit Joshi	15ecu028		5 Parth Behl	17csu133	
6 Arjun Sahrawat	17ecu003		6 Yug Arora	16csu437	
7 Ishu Chauhan	15ecu024		7 Rohan Yadav	17csu167	
8 Akshay Yadav	14ecu023		8 Dhruv Saini	17csu063	
9 Gauransh Ahuja	17ecu027		9 Satvir Palta	16csu331	
10 ayush Saini	15ecu010		10 Hitesh Kumar	16csu081	
11 Ankit Kaushik	14ecu002		11 Mohit	15csu118	
12 Sanjeev Kumar	15ecu049		12 Sahil Balyan	16csu317	

Basketball   19-22 September 2017
BOYS

Winner	ME		Runner	CSE	
NAME			**NAME**		
1 Akash	15meu010		1.Saurabh Anand	14cse185	

2 Arpit	15meu024	2. Vaibhav Tushir	14csu226
3 Anmol	15meu021	3. Ayush Taneja	16csu075
4 Parthendra	16meu046	4. Nikhil Yadav	16csu228
5 Navjot	15meu054	5. Gautam Thukral	16csu127
6 Kalpit	14meu035	6. Abhay Ahraham	14csu008
7 Vikash	15meu088	7. Shubham Muthreja	14csu150
		8. Lakshey Kapoor	16csu444
		9. Arvind	16csu065
		10. Piyush	16csu246
		11. Anuj Gera	16csu054

Basketball   19-22 September 2017
GIRLS

Winner	B Tech.		Runner SOL	
NAME			NAME	
1 Rajya Shree Chaturvedi	15csu178	1. Francita	15LLB024
2 Purna Rustagi	15csu168	2. Purnima	16BBA096
3 Rupali Sharma	15csu192	3. Tashi	14LLB083
4 Rupal Kapoor	15csu191	4. Taniya	17LLB087
5 Maskan Rai	16ecu012	5. Pragya	13LLB049
6 Anushka Chhibber	14ecu012	6. Parul	16LLB057
7 Lakshita Setia	16csu184	7. Martina	13LLB042
8 Ansha	16csu031	8. Vaishali	17BBA100
9 Anisha	17LLB009		
10 Siya	17LLB081		
11 Bharti	15LLB018		
12 Madha	13LLB043		

GIRLS

Winner	B. Tech.		Runner Sol	
1 Shivani Roy	14eeu025	1 Medha	13llb043
2 Varsha Yadav	14eeu021	2 Francita	15llb024
3 Vidushi Bhardwaj	16csu411	3 Anushka	14ecu012
4 Shubhashree Dash	15csu229	4 Purima	16bba096
5 Neelam	17ecu026	5 Pragya	13llb049
6 Rajyashree	15csu178	6 Mahima	13llb040
7 Rupali Sharma	15csu192	7 Martina	13llb042
8 Shivani Sahrawat	15csu052		
9 Turna Rastogi	15csu168		
10 Purnima	15csu		
11 Akshara Walia	15csu005		
12 Pallavi Singh	14eeu012		

Badminton

Boys		Girls	
WINNERS (ME)		**WINNERS (ECE)**	
NAME		**NAME**	
1.Devesh Jakhar	15meu031	1.Vipul Garg	16ecu078
2. Himanshu Gupta	15meu037	2. Tanmay	16ecu075
3. Shubham Jha	15meu079	3. Yash	16ecu081
4.		4. Vitesh	16ecu080

Inter-Departmental Lawn Tennis Tournament

Boys

Winner CIVIL	Runner CSE
1. Dushyant Singh15cvu011	1. Abhishek 15csu005
2. Ishu Sharma 15cvu015	2. Sachin 15csu311
3. Nishant Thankur 15cvu019	3. Vishal Kanwar 15csu260
4. Swaraj 15cvu027	4.Shubham Jain 15csu226

NETBALL   10-13 October 2017

BOYS

Winner ME		Runner CSE	
NAME		**NAME**	
1 Akash	15meu010	1.Saurabh Anand	14cse185
2 Arpit	15meu024	2.Vaibhav Tushir	14csu226
3 Anmol	15meu021	3. Ayush Taneja	16csu075
4 Parthendra	16meu046	4. Nikhil Yadav	16csu228
5 Navjot	15meu054	5. Gautam Thukral	16csu127
6 Kalpit	14meu035	6. Abhay Ahraham	14csu008
7 Vikash	15meu088	7. Shubham Muthreja	14csu150
		8. Lakshey Kapoor	16csu444
		9. Arvind	16csu065
		10. Piyush	16csu246
		11. Anuj Gera	16csu054

NETBALL   10-13 October 2017

GIRLS

Winner B Tech.		Runner SOL	
NAME		**NAME**	
1 Rajya Shree Chaturvedi	15csu178	1.Francita	15LLB024
2 Purna Rustagi	15csu168	2.Purnima	16BBA096
3 Rupali Sharma	15csu192	3.Tashi	14LLB083
4 Rupal Kapoor	15csu191	4.Taniya	17LLB087
5 Maskan Rai	16ecu012	5.Pragya	13LLB049
6 Anushka Chhibber	14ecu012	6.Parul	16LLB057
7 Lakshita Setia	16csu184	7.Martina	13LLB042
8 Ansha	16csu031	8.Vaishali	17BBA100
9 Anisha	17LLB009		

10 Siya   17LLB081
11 Bharti   15LLB018
12 Madha   13LLB043

GIRLS

Winner B Tech.		**Runner Sol**	
1 Shivani Roy	14eeu025	1 Medha	13llb043
2 Varsha Yadav	14eeu021	2 Francita	15llb024
3 Vidushi Bhardwaj	16csu411	3 Anushka	14ecu012
4 Shubhashree Dash	15csu229	4 Purima	16bba096
5 Neelam	17ecu026	5 Pragya	13llb049
6 Rajyashree	15csu178	6 Mahima	13llb040
7 Rupali Sharma	15csu192	7 Martina	13llb042
8 Shivani Sahrawat	15csu052		
9 Turna Rastogi	15csu168		
10 Purnima	15csu		
11 Akshara Walia	15csu005		
12 Pallavi Singh	14eeu012		

Cricket

WINNERS (ECE)		**RUNNERS (SOM)**	
NAME			**NAME**
1.Chirag Kaushik	14CEU029	1. Jatin Gupta	15BBA032
2. Sahil Goyal	14ECU073	2. Amriteswar Singh	15BBA011
3. Tanmay Gogia	16ECU075	3. Arush Rana	16BBA029
4. Pratyush Grover	14ECU060	4. Akashay Gerathi	16BBA012
5 .Rajat Hariom	14ECU065	5. Mohit Yadav	16MBA024
6. Naresh Kumar	14ECU049	6. Bhupesh Yadav	16MBA007
7. Sudhir Malik	16ECU073	7. Jatin Rana	17BBA029
8. Vinit Dhull	14ECU107	8. Aditya Kumar	16BBA010
9. Dhruv Bawa	14ECU030	9. Sagar Janghu	16BBA109
10 Vatsal Tandon	14ECU103	10. Dikshant Rana	16MBA008
11 Shubham Sethi	14ECU088	11. Sunny Bhati	16BBA132
12 Rituraj Chauhan	16ECU053		
13 Sagar	16ECU056		
14 Nitin Thakran	14ECU051		
15 Shubham Rawat	17ECU022		
16Gaurav Hasija	14ECU034		
17. Dikshant Gogia	14ECU031		

FOOT BALL

WINNERS (CSE)		**RUNNERS (SOL)**	
NAME			**NAME**
1.Heemal Yadav	15CSU077	1.Ansh Gupta	14LLB006
2.Vineet Khana	14CSU229	2.Dheeraj	16LLB018
3.Tushar Dureja	14CSU211	3.Parteek	15LLB048

4.Tanish Uppal	17CSU195	4.Deswal	11LLB023
5.Surya Singh	16CSU379	5.Himanshu	16LLB029
6.Harmeet Thukran	16CSU137	6.Samarth	17LLB074
7.Varun	17CSU219	7.Auyar	14LLB011
8.Ishant Yadav	17CSU085	8.Akil	17LLB004
9.Yashwardhan	16CSU429	9.Tanish	16LLB086
10.Nishant Dahiya	15CSU135	10.Hemant	14LLB029
11.Vikas	16CSU416	11.Karan	14LLB041
12.Shivan	17CSU178	12.Tushar	15LLB091
13.Shikfar Mathur	14CSU190	13.Sahil	17LLB
14.Saurabh Anand	14CSU185	14.Gaurav	15LLB025
15.Kanav Miglani,	15CSU088	15.Himanshu	14LLB032
16.Hitesh Sharma	15CSU081	16.Tanmay	15LLB069

ATHLETIC EVENT
100 Mts
1. Manyank Dahiya 16llb043
2. Aman Trehan 16cse036
3. Dheeraj 16llb018
 200 Mts
1. Shravan 15bba092
2. Manyank Dahiya 16llb043
3. Deepak Sharma 16meu018
800 Mts
1. Dheeraj 16llb018
2. Abhishant 15meu004
3. Shravan 15bba092
1500 Mts
1. Aadarsh 17meu001
2. Yesh 16csu429
3. Shravan 15bba092

SHOT PUT
1. Jayant 16bsm009
2. Ankit 15meu006
3. Vikash Chauhan 15meu087
LONG JUMP
1. Dheeraj 16llb018

2. Vikash Chauhan 15meu087
3.Abhishek Hooda 15meu005

HIGH JUMP
1. Abhishek Hooda 15meu005
2. Dheeraj 16llb018

3.Kartik 16cvu011

Subject- Participation in cricket, basketball, football, volleyball and table tennis tournament at inter-university sports fest at BML Munjal University Haryana.

Sports	Opposition	Result
Basketball(B)	Galgotias University	Winner- 1st Position
Basketball(G)	Galgotias University	2nd Runner Up (3rd)
Volleyball	BML University	1st Runner Up (2nd)
Cricket	BML University	2nd Runner Up (3rd)

FOOTBALL

NAME	ROLL NO.	FATHER's NAME
1. Vineet Khana	14csu229	Amritleen Khanna
2. Ansh Gupta	14llb006	Sulekha Gupta
3. Heemal Yadav	15csu077	Randhir Singh
4. Abhimanyu	16bba005	
5. Ashish Solanki	16csu068	Pradeep Solanki
6. Harmeet Thukran	16csu137	Satyaveer yadav
7. Himanshu Yadav	16llb029	Lokesh Yadav
8. Rohan Yadav	15bba073	Virender Singh Yadav
9. Rohit Yadav	14meu120	Geeta Yadav
10. Yash Parashar	16csu429	Yogendra Kumar Parashar
11. Manish Mittal	14cvu029	Mukesh Mittal
12. Trijay Kaker	16csu394	Vishal Kakkar
13. Samarth Makhija	17llb074	Rashi Makhija
14. Tanish Manuja	17llb086	Manish Manuja
15. Surya Pratap Singh	16csu379	Abhayveer Singh
16. Ishant Yadav	16csu085	
17. Aadarsh Rai	17meu001	Mamta Rai

CRICKET

NAME	ROLL NO.	FATHER's NAME
1. Rahul Singh	14MEU066	Surat Singh
2. Rohit Jakhar	15MEU069	Narender Jakhar
3. Yogansh Kwatra	16MEU076	Yudhister Kwatra
4. Abhinav Tyagi	17CVU001	Amit Kumar Tyagi
5. Kamal Goyal	14MEU036	
6. Anshul Khokher	15BSM003	
7. Pramod Mallik		
8. Rajat Hariom	14ECU065	Hariom Yadav
9. Sahil Goyal	14ECU073	Ashok Goyal
10. Tanmay Gogia	16ECU075	Varinder Gogia
11. Yash	15BBA116	
12. Arnesh Rana	16BBA	
13. Gavish Malhotra	16CSU128	Sanjay Malhotra
14. Anshul	15CSU	
15. Shubham Jha	15MEU079	

VOLLEYBALL

NAME	ROLL NO.	FATHER's NAME
1. Sachin Yadav	16Csu313	Raj Singh
2. Dheeraj Sharma	16LLB018	Mahender Sharma
3. Rohit Jakhar	15MEU069	Narender Jakhar
4. Rahul Singh	14MEU066	Surat Singh
5. Akshay Kumar	15MEU011	Ajad Singh
6. Karan Gill	15BBA038	
7. Sahil Sehrawat	17CVU009	Balbir Sehrawat
8. Rajat Awasthi	16MEU052	Ramavatar Awasthi
9. Arjun Sehrawat	17ECU003	Bhiram Prakash Sehrawat
10. Preet	16MEU50	Kapil Yadav
11. Manoj Gowda	17BSP012	Lakshmikum
12. Anuj	16CSU445	Kishan Yadav

BASKETBALL (BOYS)

NAME	ROLL NO.	FATHER`S NAME
1. Ayush Taneja	16CSU075	Pradeep Taneja
2. Piyush Kataria	16csu246	Sanjeev Kataria
3. Akshay Soni	15llb005	Devendra Soni
4. Mohit Yadav	17cvu007	Devender singh Yadav
5. Vivek Bishnoi	17llb104	Vinod Bishnoi
6. Nikhil Yadav	16csu228	Pradeep Yadav
7. Vibhu Mehta	16ecu077	K.K.Mehta
8. Arpit Nalwa	15meu024	Rana Nalwa
9. Vikash Singh	15meu088	Dinesh Yadav
10. Akash Balahara	15meu010	Suresh Balahara
11. Anmol Jatwani	15meu021`	Surender Jatwani
12. Aman Kumar	16ecu008	Arvind Kumar

BASKETBALL (GIRLS)

NAME	ROLL NO.	FATHER`S NAME
1. Rajyashree15csu178		
2. Rupal 15csu191		
3. Purna15csu168		
4. Rupali15csu192		
5. Mushkan16ecu038		
6. Anushka14ecu012		
7. Lashita16csu184		
8. Francita15llb024		
9. Ansha16csu051		
10. Mahak16csu187		
11. Purnima16bba096		

12. Participation in Table Tennis (Men) Tournament in Directorate of Sports & Physical Education

University of Jammu from 11th - 15th January 2018.

13. The NorthCap University Table Tennis team participated in the events organized at **Department of sports, Directorate of Sports & Physical Education University of Jammu from 11th to 15th January 2018.** In which others sixty universities participated. Our team faced fierce competition but reached the quarter finals in respective sports events. The table tennis (M) team from the NorthCap University enjoyed their stay at University of Jammu and showed lot of gusto, enthusiasm and discipline. We are thankful to management and sports committee of the NorthCap University.
   1. Subham Jain 15csu226
   2. Kartaya Atri 15csu090
   3. Yesh 17mba082
   4. Abhishek Malthorta 15csu005

S.No	Round	Date	Event	Result
1.	1st	11/01/2018	PEC Chandigarh vs NCU Gurugram	1-3 (NCU Team Victorious)
2.	2nd	12/01/2018	CU Mohali vs NCU Gurugram	0-3 (NCU Team Victorious)
3.	3rd	13/01/2018	KU Kurukshetra vs NCU Gurugram	0-3 (NCU Team Victorious)
4.	4th/ Quarters	14/01/2018	PU Patiala vs NCU Gurugram	3-2 (NCU lost to Patiala)

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/ committees of the institution (maximum 500 words)

At The NorthCap University, there is a subcommittee namely Students Activities and Leadership that is responsible for conducting various extracurricular and sports related events. We have conducted various events like Blood donation camp was set up in association with Rotary Cub. MUN was organised in which different colleges also participated. Thought Lab was inaugurated in association with Brahmkumaris in the campus to help students and faculty to practice yoga, meditation and attain some mental peace and come out of stress. The university celebrates its annual fest MOMENTUM which goes for 3 days and even includes a celebrity and DJ night. TEDx is also the annual activity of the university in which various speakers of high repute are invited to give talks. Spic Macay is the chapter that runs in NCU as a part of cultural club in which different events related to music and dance are conducted. NSS and YUKTI are the social service clubs that work for the society and are involved in events like: Vastra Daan, visit to old age home, donation for orphan kids etc. Freshers party is organised every year to welcome the freshers and help them to feel comfortable in the new phase of their life and to say them goodbye and all the best for the new journey the university celebrates Farewell party. Few recreational trips are also organised to give students a nice break from the regular stress due to academics. LAN gaming competition was organised for the school students. We celebrate the club week where all the clubs come together to demonstrate their USP's. HR conclave and quality conclave are also organised where reputed speakers from corporate are invited. Fiesta is celebrated annually. NSS Team Participated in National level Social Summit held at IIT Roorkee from 2-4th Feb 2018.They scored FIRST Position (Tanya, Vaishali, Shankar and Gul) in the case study competition on Child Nutrition and scored THIRD Position (Vedant, Tanya, Sagar and Pulkit) in the case study competition on Human Trafficking.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/ No, if yes give details (maximum 500 words):
Not registered
5.3.2 No. of registered Alumni:
8048
5.3.3 Alumni contribution during the year (in Rupees) **:**
NIL
5.3.4 Meetings/ activities organized by Alumni Association**:**
NIL

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)

(i) Formation of Sub-Committees for efficient and student friendly administration / governance of University. 11 Sub-Committees were formed with student representatives/members as under:

Sl. No.	Sub-Committee	Basic Objective
1	Infrastructure Sub-committee	• To ensure upgrade, proper upkeep, maintenance and functioning of university infrastructure to improve overall student experience at the campus.
2	ERP Sub-committee	• To ensure smooth functioning of ERP and biometric system
3	Academics Sub-committee	• To ensure smooth functioning of all academic activities at the University. • To launch new programmes in line with the vision of NCU. • To take innovative steps for continuous improvement of academic standards at NCU & and also to implement best practices from within NCU and from other reputed universities.
4	Feedback (Student Redressal Mechanism) Sub-committee	• To set up a student friendly redressal mechanism for prompt addressing of all issues / complaints (academic & non-academic) received from students.
5	Library Sub-committee	• To improve access, quality of books and other information resources in library.
6	Admissions Sub-committee	• To discuss issues related to intake of students, eligibility criteria and scholarships and come up with feasible solutions. • To evolve a plan & strategy for improving admission quality & intake numbers in all schools. • To evolve a strategy to improve perception & brand value of the University.
7	IT & related issues Sub-committee	• To improve IT facilities particularly internet facility in terms of Reliable Connectivity, Wi-fi facility particularly access, capacity and Speed etc. • To provide ICT infrastructure at NCU.
8	Career and Placements Sub-committee	• To ensure career guidance and multiple placement options in more dream companies and better salary packages for the students across all the schools • Work towards enhancing employability of our students, in association with concerned Departments, through some of the following activities: Pre-Placement Interviews, Aptitude Tests & Industry Internships etc.

9	Professional Societies Sub-committee	•	To activate professional societies in all schools/departments. All Departments to have 1-2 professionally active society chapters with international/ national affiliation
10	Student Activities & Leadership Sub-committee	•	To improve the standards and expand variety of extra-Curricular activities at campus with regard to Cultural Fest, Technical Fest, Competitions like hackathon, coding etc.
		•	Dissemination of information related to all extra-curricular activities (Internal and External)
		•	More intercollege / interstate competitions at campus.
		•	To ensure proper facilities & expand to the extent possible sports activities.
11	Alumni Connect Sub-committee	•	To set up an organization for active association of alumni with the University/Department and students
		•	Involve alumni in career guidance/ project work/ industry exposure of our students through internships/ high value placements etc. to enhance the employability of our students.
		•	Arrange frequent interactions with alumni through visits / Skype/ meets to take benefit of their association.

(ii) The NorthCap University has adopted the best practice of the global citizenship concept and involved Parents in students career development. The University has introduced a system of E-Portfolio development of each student where the development chart is drawn by the Mentor Faculty who interacts with student, parent and other teachers and encourage student take up studies in the areas of interest. Each student including slow learners are given opportunity to learn some modules viz. skill, behavior and attitude to impart lifelong learning. Further, the University has earmarked alternate Saturdays for parents to come to NCU and meet the faculty teaching their wards to keep them informed about student's progress and get their feedback and suggestions. The University has recently started a Parent Information System which also keeps them informed about the progress of their wards. Various faculty members also remain in touch with parents through e-mails/phone and get their inputs/views on various aspects of our functioning.

(iii) Participation of Alumni in Curriculum design, student project guidance, career counselling, and student placements has been enhanced by making our School of Professional Attachment nodal point for Alumni interaction with close coordination of Departments. This arrangement is helpful in regular interaction with alumni. Our alumni is also participating in setting up the Incubation Centre at NCU. Students are working on a number of innovative, socially and commercially relevant projects.

6.1.2 Does the institution have a Management Information System (MIS)?
Yes/No/Partial: Partial

Computerization of administration and library:

• Library is automated through software named LIBSYS 4.
• 28 computers are available for general access, along with 2 printers in the library.
• 60 MBPS internet bandwidth is available which provides good internet access.
• Learning Management System (LMS) provided through 'Moodle' as an institutional repository and as

a content management system for e- learning.

- Parent Information System
- E-Portfolio for students and faculty
- Uploading of Degrees on National Depository
- Database of all research publications
- Remote access to Library e-resources available 24*7.

ERP: Enterprise Resource Planning System (ERP) has been implemented in The NorthCap University, Gurugram since November, 2013 with the collaboration of DigiUniv Nyasa, Noida.

The system includes following modules:

6. **Admission and Fee Module**
   a. Form Collection and Verification
   b. Fee Management System
   c. Student Records
   d. Class Management
   e. Related Reports
7. **Academic Module:**
   a. Semester Registration
   b. Time Table Generation
   c. Faculty Feedback
   d. Related Reports
8. **Attendance Module:**
   a. Bio-metric Attendance System
   b. Linking with ERP
   c. Related Reports
9. **Examination Module:**
   a. Admit Card Generation
   b. Grading and Results
   c. Related Reports
10. **Administrative Module**
    a. HRMS
    b. Student Placement

6.2 Strategy Development and Deployment

6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each**):**

❖ **Curriculum Development**

Curriculum development is regular process at NCU and is done keeping in view the feedback and suggestions received from various stakeholders like students , faculty , AICTE/UGC/BCI guidelines , industry requirements etc. The revision also takes into consideration some of the best practices being followed by leading Universities. The last revision of curriculums for various programs has been done in June, 2018 which have been introduced from July ,2018 session.

The basis in this revision has been the model AICTE curriculum (Jan., 2018) and focus on enhancing employability of students , where need is to develop creative thinking , problem solving and life learning skills in students in addition to the current technology skills and other soft skills.

Some of the highlights of the revised curriculum are :

a. More emphasis on practical work , therefore more project work introduced and credits for project work and student industry internship increased
b. Courses on Problem Solving , creative writing , entrepreneurship introduced
c. Foreign Language course compulsory in all programs to give global perspective to students
d. General Proficiency course compulsory in all programs to develop & recognize out of class room development of students through co & extra curricular activities
e. MOOC introduced in all programs to develop self directed life long learning. Virtual Labs , QEEE & Spoken Tutorial programs from IITs also integrated
f. First year made common in BTech programs
g. Induction program introduced for all new joining students with focus on making them comfortable at NCU and disseminating various information about University
h. Concept of 5 theory + 2 Labs brought in all engineering programs
i. Integrated out of class room learning like tinkering lab , incubation centre , professional society work with Curriculum
j. Courses in Liberal studies introduced in some programs
k. Special skill modules for slow learners and so on

❖ **Teaching and Learning**

NCU has introduced several innovations in its teaching learning process to make it more practical with employability focus . Some of these are :

a) Context Learning where class room teaching is related to real life world and has some of these following components:

 - Covering some relevant part of syllabus in a course by
   Industry expert , video demonstrations , industry visits to see
   demonstration of concepts , mini projects , guest lectures etc.

 b) Tinkering Lab , Incubation center and thought lab which provide aa platform to students to convert their creative ideas into working models

c) LMS system for 100% courses & other ICT tools to afford self paced learning for students

d) Thousands of e-books & e-journals with wi fi campus for easy access to information resources ; video lectures through Swayam, NPTEL , Swayam Prabha, E-Pathshala Coursera etc

e) Plagiarism check on all thesis work , project reports & research publications

f)Recognizing & encouraging out of class room learning

g) Mini projects , case study , Surveys integrated with class room teaching and so on

h) Parent information system for keeping the stake holders informed about the progress of their wards and plan corrective measures

i) E-portfolio development by each student to showcase his achievements to outside

j) High emphasis on industry connect through multiple internships for students

k) Industry live projects for students

l) Improvement of weak students through counseling and remedial classes and so on

❖ **Examination and Evaluation**

Minimum qualifying CGPA/ CGPA Improvement Policy

Students who do not score minimum CGPA to qualify for the Degree (4.5 for UG and 5.0 for PG) have the option to take additional courses to qualify for the Degree. Students who have passed the final semester examination but score CGPA less than 6.0 (First Class) have the option to request holding of their provisional Degree pass certificate in the year of passing to improve their CGPA which would be capped at 6.0. This opportunity is available up to one year from original date of

passing and upto maximum six courses at a time or fewer upto maximum period allowed with no repetition.

❖ **Research and Development**
- Financial Assistance to faculty members for Conferences.
- Focus on Quality Publications as recommended by NIRF (Web of Science, Scopus).
- Strong emphasis on unpaid publications and discouraging paid ones.
- Procurement of 'Scanning Electron Microscope' for Central Research Facility.

❖ **Library, ICT and Physical Infrastructure / Instrumentation**
LIBRARY :
LIRC has procured below mentioned number of titles and copies for the year 2017-18 (till July 2018)
No. of Titles added from June 17 to July 18: 211
No. of Copies added from June 17 to July 18: 1994
Total Cost: INR 14, 70,321.00

E Resources Renewal: LIRC has renewed following E resources for the year 2017-2018:
ASME: INR 1,98,275.00
ASCE: INR 2,38,230.00
Sage Journals: INR 52380.00
Manupatra: INR 1,27,075.00

New Subscribed E-Resource:
Ebsco Business Source Elite: INR 2,58,516.00
WestLaw: INR 3,98,344.00
Tata Mc Graw Hill E Books: INR 2,71,716.00

Total Amount spent on Renewal of E Resources for the year 2017-18: INR **15, 44, 536.00/-**
Printed Journals/ Magazines:
New Purchased :   02 (INR **12,152.00)**
Renewed Old ones: 48 (INR **1,56,400.00)**
ICT:
The University frequently upgrades its IT facilities and has latest computing facilities.
- Technology up gradation (overall)

	Total Computers	Computer Labs	Internet
Existing	936	27	60 mbps
Added	7	0	0
Total	943	27	60 mbps

- Computer, Internet access, training to teachers and students and any other programme for technology
  Upgradation (Networking, e-Governance etc.)
  7 laptops have been added

Amount spent on maintenance in lakhs :	
ICT	**3293777**
Campus Infrastructure and facilities	**602015**
Equipment	1086898
Others	246314
Total :	5229004

❖ **Human Resource Management**

Strategic Workforce Planning
• Identifying rich recruitment sources
• Utilizing full recuitment potential
• Employer branding
• Workforce segmentation
• Skillset mapping

Competitive Advantage
• Intellectual capital building
• Succession planning (rotation policy)
• Hiring for future
• Creating talent pool

Talent Acquisition
• Understanding manpower requirements
• Screening of candidates to get right fit
• Job descriptions
• Teaching commitment norms

Recruitment Process
• Transparent and merit based selection process
• Assessment by external subject experts
• Induction (within 2 days of joining)
• Orientation of new joinee

Organization Culture Building
• Safe and secure campus (62 % faculty, 32% students are females)
• Zero harassment incident
• Zero delays in salary credit to salary account
• Grievance redressal
• Quick resolution within 48 hours
• Transparent and fair dealings

❖ **Industry Interaction / Collaboration**
• Consider minimum one semester exposure with industry so as to bring in a high industry readiness in our students.
• 10 to 15 % of the curriculum is industry based.

- Experts from Industry as visiting faculties.
- Each department has minimum 2 active MoUs with the industry.
- Live Industry projects for B.Tech. Major Projects are encouraged.

CSE

Industrial Visits

Name of Lab/Institution/Industry	Faculty	Date
Maruti Centre of Excellence	Dr Akanksha, Ms. Anuradha	14th Oct 2017
National Technical Research Orgaisation	Dr Kavita Khanna,Dr Rita Chhikara	16th March 2018
DPGITM,Gurugram	Dr Prachi,Ms Mehak	3rd Nov 2017
IBM Research Labs	Dr Vijendra Singh	4th April 2018
Kellton Pvt Ltd, Gurugram	Dr Latika Singh, Dr Prachi	5th March 2018
SGIT,Gurugram	Ms Meghna Sharma	9th March 2018
Ansyst Consulting, Gurugram	Ms Prerna Singhal	5th Sep 2017
Session Chair(WIDECOM 2018), SRM University, Sonipat	Dr. Vijendra Singh	18th Feb, 2018
GGSIPU, Delhi	Dr. Vijendra Singh	2nd May 2018
SRM University, Sonipat	Dr Vijendra Singh	24th Nov, 2017 29th May, 2018
GB Pant college of engineering, Delhi	Ms. Meghna, Dr. Geetika	24 Oct 2017
Delhi Technical Campus, Bahadurgarh	Ms. Mehak, Dr. Yogita	16 Nov 2017
Amity University, Noida	Dr. Rita Chhikara	2nd May 2018
GITM, Gurugram	Ms. Prerna Singhal	28th Sep 2018
MRIIRS, Faridabad	Mr. Sandeep Singh	4th May 2018

Workshops Organized/ Faculty Development Progranmme (FDP) Organised/Conducted

Title of Workshop/Seminar	Date(s)	Speaker	Affiliation
IoT Workshop – Smart Villages	9/9/2017	Mr. Vinay Solanki, Mr. Jasmeet Singh, Mr. Nikhil Gupta, Mr. Sumit Jain and Mr. Mayur Wadhwani. They were joined by Mr. Aditya who demonstrated their ongoing projects.	IoT-NCR group
Resilient Analytics	4/10/2017	Mr. Sameep Mehta	STSM, Manager, Knowledge Engineering and Encrypted Analytics at IBM Research and is also an abjunct

				faculty at IIIT, Delhi.
Workshop on IoT	5/10/2017	Dr. Latika Singh, Ms. Prerna		The NorthCap University
Workshop on Data Analytics	24/10/2017	Dr. Geetika, Ms. Meghna		The NorthCap University
2D Game Development	11-13/12/ 2017	Mr. Aaditya Verma, Mr. Ayush Singh Rathore, Mr. Bhuvnesh Gupta and Ms. Riya Adhlaka		second year students of B.Tech.(CSE), The NorthCap University
Cyber security Essentials	3/11/2017	Dr. Prachi, Ms. Mehak		The NorthCap University
Cyber security Essentials	16/11/2017	Dr. Yogita, Ms. Mehak		The NorthCap University
Workshop on Career Counselling	1/02/ 2018	Ms. Mehak, Ms Jyotika		The NorthCap University
Machine Learning and Big Data	6/02/2018	Mr. Akshat Goel and Mr. Himanshu Ahuja		Mr. Akshat Goel (IIT Delhi Alum), 8+ years of experience in Machine Learning and Big Data, Co-Founder & CTO, Eckovation and Mr. Himanshu Ahuja, NCU Alumni, 2016 Batch.
Big Data and Deep Learning	7-8/4/2018	Dr. L V Subramaniam, Mr. Harshit Kumar, Mr. Sudhanshu Shekhar Singh and Mr. Sachindra Joshi		IBM India Research Laboratory, New Delhi.
Intermediate Level Photoshop	19/4/2018	Mr. Vishal Kanwar and Mr. Pankaj Yadav		students, NCU
Artificial Intelligence and Machine Learning	2/4/2018	Mr. Himanshu Batra		Program Manager at GOOGLE and Founder at Acadview and has vast experience in fields of Business

				Partnering , Data Analysis and Databases
Career Counselling	28/4/2018	Dr. Latika Singh, Ms. Jyotika	The NorthCap University	
Career Counselling	14/5/2018	Dr. Latika Singh, Ms. Jyotika	The NorthCap University	
FDP on Machine Learning and Deep Learning	1-7/6/2018	Mr. Ritwik Chaudhuri, and Mr. Ravi	IBM Research Lab, India and Brain Mentor Pvt. Ltd, New Delhi	
Resilient Analytics	4/10/ 2017	Mr. Sameep Mehta	IBM Research Labs	
Workshop on Big Data and Deep Learning	7-8/4 2018	Dr. L V Subramaniam, Mr. Harshit Kumar,Mr Sudhanshu Shekhar Singh, and Sachindra Joshi	IBM India Research Laboratory,New Delhi.	
Artificial Intelligence and Machine Learning	2/4/2018	Mr. Himanshu Batra	Program Manager at GOOGLE and Founder at Acadview	
Machine Learning and Big Data	6/02/ 2018	Mr. Akshat Goeland Mr. Himanshu Ahuja	Co-Founder, Eckovation	

MOUs and Collaboration with Industries

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
SGIT	09 April 2018	Joint project and Product Development Recruitment Course Content/ Syllabus Conducting Seminar	02 students , 01 Faculty
Michigan Technological University	12 March 2018	Undergraduate Exchange Graduate Admission Exchange Double count Credits for an Accelerated master's Degree Exchange of information on latest technology Joint Projects/Conferences Visit of Resource Persons	03 Faculties from MTU
Games On	06 November	Joint project and Product	01 Student , o1 Faculty

Doors	2017	Development Recruitment Course Content/ Syllabus Conducting Seminar	
Quick Doctor IN, GURUGRAM	25 October 2017	Joint project and Product Development Recruitment Course Content/ Syllabus Conducting Seminar	01 Student, 01 Faculty
vDOIT Technologies pvt. Ltd., Gurugram	25 October 2017	Joint project and Product Development Recruitment Course Content/ Syllabus Conducting Seminar	05 Students, 01 Faculty
BookChor Literary Solution pvt. Ltd., Sonipat	4 September 2017	Joint project and Product Development Recruitment Course Content/ Syllabus Conducting Seminar	03 Students, 01 Faculty
Ansyst Consulting, Gurugram	2 September 2017	Joint project and Product Development Recruitment Course Content/ Syllabus Conducting Seminar	03 Student, 01 Faculty
AgBe Technologies, Gurugram	2 September 2017	Joint project and Product Development Recruitment Course Content/ Syllabus Conducting Seminar	03 Student, 01 Faculty
ITB Ireland	2013	Undergraduate Exchange Graduate Admission Exchange Double count Credits for an Accelerated master's Degree Exchange of information on latest technology Joint Projects/Conferences Visits of Resource Persons	08 Students , 01 Faculty from ITB visited NCU
University of Dayton	2018	Undergraduate Exchange Graduate Admission Exchange Double count Credits for an Accelerated master's Degree Exchange of information on latest technology Joint Projects/Conferences	01 Faculty on Advisory Committee of ICICDS

Externships

S No.	Name	Institution/ Company	Date
1	Ms. Prerna Singal	RankWatch, Gurugram	4 May- 5 May 2018
2	Dr. Jyotsna singh	DNA AUTOMATION, Gurugram	30 - 31 st May 2018

List of Faculty with Industry Visited

Faculty	Industry visited
Dr. Jagdeep Kaur	Kellton Tech, Gurugram
	Bharti Airtel Limited, Gurugram
	Simplifit
	Algofocus Technologies, Gurugram
	NRS Consulting, Gurugram
	Rapid MetroRail Gurgaon Limited, Gurugram
Ms. Kanika Gupta	Intellect Design Arena ltd.,Gurgaon
	Orahi,, Gurugram
	Smartclass educational
	KMG, Gurugram
	Optum Global Solutions, Gurgaon
Dr. Sumalata Gautam	vDoIt technologies Private Limited, Gurugram
	Fidelity International, Gurgaon
	Aricent Technologies , Gurugram
	Q3 Technologies, Gurugram
	Yburis Infotech, Gurugram
	OMG Network India Pvt Ltd
Ms. Neeti Kashyap	DSM- Sinochem Pharmaceuticals, Gurugram
	Ericsson Forum, Gurugram
	Lutron GL Sales and Services Pvt. Ltd,Gurgaon
	Yugasa, Vijay Complex, Gurugram
Dr. Yogita Gigras	Clavax Technologies, Gurugram
	eCIFM Solutions India Pvt. Ltd., Gurugram
	eSec Forte Technologies,Gurugram
	Town Square LLP, Gurugram
	Guavus Netwrok Systems, Gurugram.
Dr. Geetika Munjal	FIL India Business and Research Services Private Limited, Gurgaon
	Fiserv India Pvt.Ltd.,Gurugram
	ShepHertz Technologies Pvt. Ltd., Gurugram
	GyanScore services pvt ltd
	Polyvalent Digital Services Pvt Ltd, Gurgaon

		Xerox India Limited, Gurgaon
	Ms. Priyanka Rastogi	Grant Thornton India LLP, Gurgaon
		InterGlobe Air Transport Ltd.,Gurugram
		Ernst & Young, Gurugram
		ATOS Gurgaon, 8th Floor, Gurugram
		Stratbeans Consulting
	Ms. Anuradha	Hi-Tech Robotic Systemz Limited,Gurugram
		Hughes Systique, D-24, Gurgaon
		VVDN Technologies , Gurgaon
		Bookchor
		PowerGrid iffco
		Gateway Rail Freight Limited, Gatewayrail Freight Ltd, Gurugram
	Ms. Hitesh Yadav	Shopclues,Clues Network Private Limited, Gurugram
		OYO ROOMS SECTOR 69
		Bharti Airtel LTD., Gurugram
	Dr. Vijender Singh	AAM Infotech Private ltd., New Delhi
		Radware , New Delhi
		Lucidious Technology, New Delhi
		Leegality(Grey Swift Private Limited),New Delhi
		Zansys Technologies Pvt. Ltd. ,New Delhi
		Virtuaus Solutions
	Mr. Sandeep Singh	Airports Auhority of India ,rajiv gandhi bhavan, safdarjung airport, new delhi
		The Outlook Group, New Delhi
		Centre for Railway Information System (CRIS), New Delhi,
		Lendbox, New Delhi
		Travel Raga Holidays Pvt Ltd ,New Delhi
	Dr. Rita Chhikara	Central Electronics, Karol Bagh, New Delhi
		D.R.D.O, Metcalfe house cplx, Civil Lines,Delhi
		Institute of Nuclear Medicine & Allied Sciences (INMAS),DRDO
	Dr. Kavita Khanna	Intellectual Property India, Sector-14 Dwarka,New Delhi
		Aces creations , Dwarka, Delhi
		VSIT,dwarka sec-7
	Dr. Jyoti Sahni	JNU Data Science Lab, New Mehrauli Road, New Delhi, Delhi
		C-DOT Mandi road chattarpur
	Dr. Jyotsana Singh	Techsaints International Pvt ltd.,Naraina
		Jindal Intellicom Limited 28 Shivaji Marg Block C New Delhi
		Agnitio Education System India Pvt. Ltd., Netaji Subhash Palace, New Delhi

Ms. Mehak	Sparta Telecom, Janakpuri, Delhi
	Steelbird Tech Info, Janakpuri, New Delhi
	Nextech Solutions India Pvt Ltd., District Center, Janakpuri, New Delhi
	DataPacket.In , Vikas puri, New Delhi
Ms. Prerna Singal	AgBe Technologies , Gurgaon
	Ansyst Consulting, Gurugram
	Cyber Cell, Gurugram Police
	SGIT, Gurgaon
	Shiksha abroad,Gurugram
Ms. Garima Sharma	CarzyDeal Automobiles, Gurugram
	UTS, Gurugram
	NETWORK BULLS , Gurugram
	Hello VoRld, Gurugram
Ms. Jyotika and Ms. Mehak	FeasOpt.AI, Gurugram
Ms. Suman Bhatia	CRIS, ITPI Building, New Delhi
	Aam Aadmi Party Head Office- 206, ITO
	Casio India Co. Private Ltd.,New Delhi
	COMIO , New Delhi
	App Town Technologies PVT LTD, New Delhi
	HP, Indraprastha Barakhamba
Ms. Jyotika	Engineers India Limited, New Delhi
	WESEE, New Delhi
	Ministry of Electronics and Information Technology, New Delhi
	National Informatics Centre, New Delhi
	Indycium, New Delhi

Guest Lecture Organised - Funded by The NorthCap University- Total 30

Sr. No.	Name of Guest Lecturer	Designation	Topic of Guest Lecture	Year	Dates
1	Mr. Anirban Das	Founder and Director at Ansyst Consulting	IoT and Applications	2017	22nd August, 2017.
2	Prof. Karmeshu	Retired Professor,JNU	Maximum Entropy Principle and its Application: Information Theoretic Framework	2017	28th August, 2017

3	Mr. Kunal Sharma	Head Packet, Core Networks,Nokia Networks	5G Networks	2017	6th Sept 2017
4	Akarshan Gandora and Harsh Lathwal	B.Tech. final year students, NCU, under CSI	Google Summer of Code(GSoC)	2017	7th September'17.
5	Ms. Aprajita Sinha	Security Analyst	Risk Management	2017	9th Sept 2017
6	Akarshan Gandora and Harsh Lathwal	Final Year, B.Tech, NCU	Projects on GitHub	2017	12 th October 2017.
7	Prof. Karmeshu	Retired Professor,JNU	Uncertainty modelling	2017	25th October 2017
8	Dr. Yoginder Talwar	Scientist E at National Informatics Centre, Ministry of Communications IT.	Public Key Infrastructure	2017	12th Oct 2017.
9	Prof. B. S. Panda,	Department of Mathematics, IIT Delhi	Applications of Discrete Structures in Computer Science	2017	24-Oct-17
10	Mr. Sanjeev Rana,	Senior System Analyst at VISA Worldwide Inc., Singapore	Importance of Design Thinking in Automation	2017	3rd October 2017
11	Mr Kumaresan Muthuramalingam	Head – IT,DSM Sinochem Pharmaceuticals	Big Data Analytics with a Case Study	2017	4th *October, 2017*
13	Dr B Chandra	Retired Professor, Department of CSE,IIT Delhi	Deep Learning, Statistical Classification & Clustering	2017	13th October, 2017
14	Prof. Karmeshu	Retired Professor,JNU	Uncertainty Modelling	2017	15th November 2017.
15	Mr. Rahul Tyagi	Vice President at Lucideus.	Career in Ethical Hacking	2017	9 th Nov 2017
16	Dr. H.B Singh	Senior Scientist, Department of Science and Technology	DST at a Glance	2017	12th Dec, 2017.
17	Dr.Chandra	Retired Professor,JNU	Machine Learning, Deep Learning	2018	25 th January 2018

18	Prof. Karmeshu	Retired Professor,JNU	Mathematical Modeling	2018	22nd January, 2018.
19	Dr C S Yadav	Professor in Finance in the Department of Business and as Director of International Academic Exchange.	International Academic Exchange	2018	1st Feb 2018
20	Prof. Karmeshu	Retired Professor,JNU	Research Work	2018	February 21, 2018.
21	Prof. Michael Hegarty,	Lecturer in Digital Forensics and Information Technology in ITB Ireland	Cyber Security	2018	23rd Feb 2018.
22	Dr. Tarun Yadav	Scientist 'C' from DRDO	Requirement and Applications of Cryptography in Real World	2018	21st March 2018
23	Mr. Ankur Gulla	Oracle Corporation, Gurugram	Cloud Computing Career Opportunities	2018	26 th April 2018.
24	Mr.Devender Khari	DKOP Labs Pvt. Ltd.	Computer Architecture with Internet of Things	2018	20 th April 2018.
25	Dr. Nilufer Onder	Michighan Technological University, USA	Artificial Intelligence and its Latest applications	2018	3rd April 2018
26	Dr. Nilufer Onder	Michighan Technological University, USA	Recent Trends in Artificial intelligence- "Musical Robotic Dance Freeze for Children"	2018	6th April 2018
27	Mr. Nitendra,	Senior Vice President, InfoEdge Pvt. Ltd	Machine learning and NLP for recommendation systems	2018	8th April, 2018.
28	Dr. Pushpalatha Murthy	Associate Provost and Dean of the Graduate School,Michigan Technological University, USA	Trends in Graduate Education in the US and World-Wide	2018	21st May 2018
29	L. Venkat Subramaniam	Senior Manager - Knowledge Engineering and Data Platforms, IBM	Data and Knowledge Engineering in the Big Data Era	2018	25th October 2017

30	Mr. Varun Rao	Associate Product Manager, Walker Digital Table Systems,Gurugram	Agile Software Development	2018	27th April 2018

ME
INDUSTRIAL VISITS

The department faculty members as well as the students are in close interaction with the industry. A total of 10 visits were made by the students and the faculty members. Industries like Maruti-Suzuki, RICO Auto Industries, Werardt Systems Pvt Ltd, M/s Asahi India Glass Ltd, IFB, Industries were visited by the faculty members. Student's visits were organized for Indian Meteorological Department, New Delhi, Emerson Cold Chain Centre, Gurugram etc. The details are given in Appendix 1_Industrial Visits.

1. Mr Manoj Kumar Gopaliya visited Maruti-Suzuki, Gurugram and their Manesar plant on 13 July 2017 to review the progress of industrial training of BTech ME 6th Sem students.
2. Mr Gagan Baradia and Mr Jagpravesh Dahiya visited Talbros Automotive Components Ltd, Faridabad on 5 July 2017 to review the internship progress of BTech students.
3. Mr Anuj Kr Jain visited RICO Auto Industries, Gurugram on 17 July 2017 to review the progress of industrial training of BTech, ME 6th Sem students.
4. A training session was organised for students of Mechanical Engineering (ISHRAE members) at Emerson Cold Chain Centre, Gurugram on 16 October 2017. The entire training facility was explored by the students and all their technical doubts were entertained by the Trainer, Mr Sanjay Kumar Hans. The visit was coordinated by Mr Jag Parvesh Dahiya and Mr Sanchit Mewar.
5. Prof Ojha met Mr MK Khanduja, Director, Werardt Systems Pvt Ltd, Gurugram on 26 Dec 2017 and discussed about future engagement between Werardt and NCU.
6. Prof Ravindra Ojha visited M/s Asahi India Glass Ltd (AIS), Bawal on 27Dec 2017 and met Mr Sunil Gadh, Plant Head; Mr Krishan Kumar, Head, Operations and other officials at AIS. Prof Ojha explored summer internship opportunities at AIS Bawal plant for NCU's ME students.
7. An industrial visit was organized for BTech 2nd Year students along with faculty members Ms Arohi Mathur and Mr Praveen Singh to the Indian Meteorological Department, New Delhi.
8. Dr K Mathiyazhagan visited M/s Asahi India Glass Ltd, Bawal where he saw the various ongoing projects. Dr K Mathiyazhagan also explored possibilities for summer internship and live projects for ME students at the Bawal plant.
9. Dr Rohit Singh Lather visited Goenka Electric Motor (GEM) Vehicles Pvt Ltd, Sonipat, on 1 Feb 2018 to purchase an electric axle for the Automobile Lab. He was accompanied by student Piyush, 6 Sem ME.
10. Mr Satnam Singh, Assistant Professor visited IFB, Industries, Binola Plant on 21March 2018. The purpose of the visit was to monitor the status of Live Industrial Project work by NCU students working in the Plant

WORKSHOPS AND SEMINARS

4 workshops and 2 seminars were conducted by the department in the previous year. It included topics like Efficycle, Industrial design for engineers, Virtual Labs etc. Students attended seminar on 'Journey of Science and Technology in India: A historical perspective' at National Institute of Plant and Genome Research (NIPGR) and 'Renewable Skill Development'. The details are given in Appendix 3 -Workshops and seminars.

- ❖ S.A.E organized the 'Efficycle' workshop on 8 July 2017 at NCU. Coordinators of the workshop were Dr. Ashwini Sharma and Mr Gagan Baradia .
- ❖ Expert Team from IIT Delhi conducted a one day workshop on Virtual Labs and Practices for BTech 1st Year students, Depts of EECE, CSE&IT, ME and CEE on 8 September 2017. 219 students attended the sessions.
- ❖ The SAE Society of NCU conducted a workshop on 'Industrial Design for Engineers' on 12 September 2017. The workshop was conducted by Alumnus Mr Prabhat Tiwari (Class of 2013) Automobile Engineering.
- ❖ A Workshop on Virtual Labs (an initiative of MHRD under the National Mission on Education through ICT) was conducted by the expert team from IIT Delhi at NCU on 22 Feb 2018.
- ❖ Students from SOET and faculty members attended a one-day seminar on 'Journey of Science and Technology in India: A historical perspective' at National Institute of Plant and Genome Research (NIPGR), New Delhi on 2 September 2017. The seminar provided students and faculty a platform to interact with scientists such as Padma Bhushan awardee Dr Manju Sharma, Prof. Ajoy Ghatak (Chairman, NASI-Delhi chapter), Dr D. Kanjilal (Director-IUAC) and Dr Akhilesh Tyagi (Director-NIPGR). The event was coordinated by Dr Feras Al-Hakkak.
- ❖ A seminar on 'Renewable Skill Development' was organized jointly by the Department of ME and Skills Academy, Gurugram for over 60 mechanical, computer and electronics engineering students on 13 Feb 2018. The seminar created awareness about enhancing natural talents and capabilities to achieve goals. The seminar was coordinated by Dr Rohit Singh Lather, Associate

MOUS COLLABOARATIONS WITH INDUSTRIES

The department has industrial internship collaboration with MACE. It has QARE modules, Some experiments that are part of course work are conducted with Beijing Wave Spectrum. Currently 8 [projects are being run with industrial association. Previous year the department entered 2 MoUs the details of which are given below:

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
Maruti Center for Excellence (MACE)	11 April 2018	Collaborate in the field of Training & Development of the students through practical & theoretical trainings & through projects during the internships	Open for all the faculties and students of Department of Mechanical Engineering. Faculty Co-Ordinator : Mr A P Singh

Daikin Air-Conditioning India Pvt Ltd (DAIPL)	26 March 2018	To establish a 'Centre of Excellence' on HVAC Systems at the University that will impart practical skill training and industrial exposure to the students within the campus	Open for all the faculties and students of Department of Mechanical Engineering Faculty Co-Ordinator : Mr J P Dahiya

EXTERNSHIP DONE BY FACULTY

❖ Mr. Manoj K Gopaliya and Mr. Satnam Singh from the Mechanical Engineering Department of The NorthCap University have attended a two day externship at Federal Mogul, Bhiwadi Plant on 01/12/2017-02/12/2017. This plant is specially manufacturing valve seats and guides for car engines and exports to the automobile giants such as Maruti and Ford. During the interaction with HR manager, it was requested to conduct pre placement interviews for pre final year students and to engage some students on live industrial projects. This request is accepted and department is looking forward for the fruitful engagement in the near future.

❖ Faculty members Dr K Mathiyazhagan and Dr Arjyajyoti Goswami, Dept of Mechanical Engineering, were on externship in the National Physical Laboratory (NPL), New Delhi from 12-13 December 2017. They visited the Acoustics and Vibrations laboratory to see the facilities available and the type of work carried out by NPL. The lab provides calibration, testing services and technical advisory consultancy to various industries and institutions of the country. Dr Garg, Sr Scientist, Acoustics and Vibration Standards, NPL, expressed his interest in taking two students from NCU under this scheme. The team also discussed the possibilities of joint projects between NPL and NCU.

GUEST LECTURE

A total of 10 guest lectures were organised in the department in the previous year. Experts from Federal Mogul, /s Poly Plastic Industries Pvt Ltd, /s Poly Plastic Industries Pvt Ltd, Andritz Hydro etc delivered lectures on topics of their interest. The talks consisted of their experience in industry and possible career paths in their fields. Apart from talks the students had the chance to interact with experts from Life CNC Tools, Terra Motors, Emerson Cold Chain Centre etc. The details are given in Appendix 2_Guest Lectures.

1. Dr Rakesh Kumar, General Manager, Federal Mogul, Bhiwadi, Rajasthan delivered a lecture on 'Manufacturing through Power Metallurgy - A case from auto industry' to B Tech students on 23 August 2017.
2. The Department conducted an interactive session with Alumnus Mr Mehul Jain (Class of 2015), Piping Design Engineer, Jacobs Engineering, Gurugram on the topic 'A glimpse of EPCM industries' for 3rdYear students on 13 September 2017.
3. Department of ME conducted an interactive session with Alumnus Mr Gaurav Sharma, (Class of

2015), Associate Counsellor, Maruti Centre of Excellence, Manesar on the topic 'Lean Manufacturing System and its tools' for 3rd Year students on 4 October 2017.

4. A lecture on 'Injection Moulding' was delivered by Mr Gajender Soni, AGM (Plant Head), M/s Poly Plastic Industries Pvt Ltd, Bawal, Haryana to Final year students on 11 Oct. 2017.

5. Mr B K Bhayana, DGM-Marketing, Delta Electronics India Pvt Ltd delivered a guest lecture on 'Mechatronics and Robotics for Industrial Processes' to B Tech Final year Mechanical Engineering students studying 'Mechatronics & Robotics (MEL459)' on 30 Oct 2017.

6. The ISHRAE Society organized a lecture on 'Heat Load Calculation for Air Conditioners' for BTech Final Year students by Mr Sanjay Kumar Hans, Manager, Project Design Services & Technical Training at Emerson Cold Chain Centre, Gurugram on 16 Nov 2017.

7. A team from Terra Motors (Japan's No 1 electric vehicle company), Gurugram visited NCU on 8 Feb 2018 in connection with a project titled 'Structural analysis of electric 3W chassis' submitted to Terra Motors for support by Dr Rohit Singh Lather, Mr Aditya Choudhary, and Mr Vaibhav Kaushik (BWS-Vibration Lab). Terra Motors has agreed to sponsor the project after finalizing the details of the vehicle

8. Mr Siddharth Nakra, Director, Life CNC Tools, Faridabad, visited NCU on 9 Feb 2018 in connection with the project titled 'The Mango Project –Development of electric vehicle' submitted for support by Dr Rohit Singh Lather, Associate Professor. Mr Siddharth Nakra has agreed to sponsor the project after finalizing the details of the vehicle.

9. Mr Sharad Mishra, Head, Human Resources; Mr Erich Plangger, Functional Leader-Operations and Mr Siegfried Sauseng, Chief Supervisor-Manufacturing, Andritz Hydro visited NCU on 21 March 2018 to initiate the process of skill development of BTech ME students (Class of 2018) for placement at Andritz Hydro.

10. An interactive session with Alumnus Mr Vismit Varshney (Class of 2015), Assistant Manager, Maruti Suzuki India Ltd, Gurugram, was organized on the topic 'Placements and Goals Ahead' for 3rd Year students on 19 April 2018.

EECE

LINKAGES WITH INSTITUTIONS/INDUSTRIES FOR INTERNSHIP, ON-THE-JOB TRAINING, PROJECT WORK, SHARING OF RESEARCH FACILITIES ETC. DURING THE YEAR

S.No.	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	participant
1.	internship	SECTOR -12, BSNL EXCHANGE, COMMERCIAL BUILDING, DELHI ROAD, GURUGRAM, HARYANA 122001	May - Jun 2018	AARUSHI JAIN
2.	internship	CC	May - Jun 2018	ABHIJEET TRIPATHI
3.	internship	HCL NOIDA	May - Jun 2018	ADITYA YADAV
4.	internship	POWER GRID SEC 29 GURGAON	May - Jun 2018	AGRANI KULSHRESTHA AKHIL

				ARORA,HIMANSHU GOYAL,KUNAL GUPTA,SHIVANGEE AGGARWAL,SOUMYA ROY,PANKAJ
5.	internship	RITES LTD	May - Jun 2018	AMRITANSH BAKSHI
6.	internship	JBM GURGAON	May - Jun 2018	ANKIT RUHIL
7.	internship	RELIANCE JIO INFOCOMM LTD., DLF CYBER CITY, DLF PHASE II, GURGAON	May - Jun 2018	APARNA SHARMA
8.	internship	CUBE 26	May - Jun 2018	ARNAV JAIN
9.	internship	VK ELECTRONICS	May - Jun 2018	AYUSH RANA
10.	internship	INCREDIMINDS	May - Jun 2018	AYUSHI RAJPUT
11.	internship	JMVAS Telecommunications PVT LTD.	May - Jun 2018	DIWANSHU BANSAL
12.	internship	AIRPORTS AUTHORITY OF INDIA, Chennai Airport	May - Jun 2018	ESHA CHANGOTRA
13.	internship	Exicom TeleSystems, SEC 18 ,GURGAON	May - Jun 2018	GUNGUN SAINI
14.	internship	AIRTEL	May - Jun 2018	HARSH THAKRAN,KUNAL SANGWAN
15.	internship	IDEMIA	May - Jun 2018	HARSHIT SHARMA
16.	internship	DRDO	May - Jun 2018	HEMANG PRASHAR
17.	internship	ICON Power Solutions Pvt. Ltd. Plot No. 35, Sector 8 IMT Manesar (Gurugram)	May - Jun 2018	HEMANT THAKRAN
18.	internship	DELTA ELECTRONICS INDIA PVT LTD	May - Jun 2018	HIMANSHU GULATI
19.	internship	Dealord Pvt. Ltd.	May - Jun 2018	JATIN KAUSHIK,KARAN
20.	internship	EXICOM TELESYSTEM	May - Jun 2018	JAY KAUSHIK
21.	internship	CCNA	May - Jun 2018	KANISHK YADAV
22.	internship	Statelead Dishpatch center(SLOC)	May - Jun 2018	KARTIKAY SAINI
23.	internship	IFORHER	May - Jun 2018	MANEK SETH
24.	internship	C & C ELECTRIC	May - Jun 2018	MANNAT AHLUWALIA
25.	internship	POWER GRID INDIA SEC 29	May - Jun 2018	MUSKAN RAI
26.	internship	RELIANCE JIO INFOCOM	May - Jun 2018	NAMAN ARORA,SANCHIT SODHI,SARTHAK SHIKHAR.RITURAJ SINGH,RITIKA SHARMA,PARVESH YADAV,PRACHI ASWAL
27.	internship	CCNA	May - Jun 2018	NIHARIKA LOHAN
28.	internship	EXICOM TELE SYSTEM, SEC-18 GURGAON	May - Jun 2018	PANKAJ JANGHU
29.	internship	MINDA, NAWADA FATEHPUR	May - Jun 2018	PIYUSH BAWEJA

30.	internship	IIT DELHI	May - Jun 2018	PULKIT
31.	internship	MTNL	May - Jun 2018	PULKIT SIKKA
32.	internship	NAPINO, IMT MANESAR	May - Jun 2018	RAHUL MALIK
33.	internship	NAPINO, IMT MANESAR	May - Jun 2018	RAJNEESH RANA
34.	internship	TCS GURGAON	May - Jun 2018	REEMA
35.	internship	TAJ HOTEL DUBAI	May - Jun 2018	RUHEEN YADAV
36.	internship	MPS	May - Jun 2018	SACHIN YADAV
37.	internship	BSNL ROHTAK	May - Jun 2018	SAGAR
38.	internship	BHARAT ELECTRONICS LTD GZB	May - Jun 2018	SAHIL ARORA
39.	internship	Minda Group Gurgaon	May - Jun 2018	SHERRY CHAUHAN
40.	internship	MPRS BIOLOGICAL VASANT KUNJ	May - Jun 2018	SHREY MALHOTRA
41.	internship	BSNL Rewari	May - Jun 2018	SHUBHAM
42.	internship	EXICOM SEC18 GURGAON	May - Jun 2018	SHUBHAM SONI
43.	internship	BSNL ROHTAK	May - Jun 2018	SHUBHAM VERMA
44.	internship	NOKIA	May - Jun 2018	SHWETA DIXIT
45.	internship	Airport Authorty of India	May - Jun 2018	SUDEEPA YADAV,SURBHI THAKKAR
46.	internship	CP 05 SEC 88 ITM MANESAR GURGAON	May - Jun 2018	SUDHIR MALIK
47.	internship	MPRS BIOLOGICAL PVT.LTD.	May - Jun 2018	TANMAY GOGIA
48.	internship	MTNL Shadipur	May - Jun 2018	VAIBHAV SHARMA
49.	internship	central electronics limited 4, Industrial Area, Sahibabad, Uttar Pradesh 20101	May - Jun 2018	VIBHU MEHTA
50.	internship	HPE CON TRAININIG PROGRAME	May - Jun 2018	VIPUL GARG
51.	internship	AIRPORT AUTHORITY OF INDIA SAFDARJUNG	May - Jun 2018	VIPUL GUGLANI
52.	internship	Schneider electric (cyber city gurugram)	May - Jun 2018	YASH KARAN
53.	internship	lastec	May - Jun 2018	YUKTI BHASIN

INDUSTRY VISIT

S.NO	PCN	Dates of Visits	Company visited	Class	Arranged By
1	ECE2018V001	14/02/2018	Auto Expo, Greater Noida	ECE 4th semester	Ms. Pooja Sabharwal and Mr. Pankaj Rakheja
2	ECE2018V002	26/02/2018	Maruti Sazuki Ltd	ECE 4th & 6th semester	Ms. Pooja Sabharwal, Ms. Amanpreet kaur and Mr. Pankaj Rakheja
3	ECE2018V003	26/02/2018	Napino Automobiles and Electronics Ltd.	ECE 4th semester	Ms. Pooja Sabharwal, Ms. Amanpreet kaur and Mr. Pankaj Rakheja
4	ECE2018V004	15/01/2018	NISE Gawal Pahari	Research Scholars	Dr Vandana Khanna & Dr Anjali Garg
5	ECE2018V005	26/02/2018	Enkay Solar Power Plant	ECE 4th, 6th, Ph.D.	Dr. Anjali Garg
6	ECE2018V006	8/3/2018	CARE IIT Delhi	ECE 6th	Dr. Rekha Vig, Dr. Shaveta Arora

| 7 | ECE2018V007 | 10/0/2018 | 66 kV substation, GGN | EE- 8th sem | Ms. Naresh Kumari, Dr. Nitin Malik |
| 8 | ECE2018V008 | 29/3/2018 | CEL, Sahibabad | B.Tech (ECE, ME) 4th ,6th sem | Dr. Vandana Khanna, Dr. Shaveta Arora, Dr. Anjali |

FDP/WORKSHOP/ SEMINARS BY INDUSTRY EXPERTS

	PCN	Industry Expert	Workshop/ Seminar	International/ National	Faculty Members (Organisers)	Month	Total Part.
1	ECE2017WO008	Advanced Technology	Wireless Sensor Networks	University	Kusum Grewal Dangi, Sharda Vashishth	22/08/2017	20
2	ECE2017WO009	Alumni : Sidhartha, Sahil, Kartik interaction	Mitushubishi cup and higher education	University	Anjali Garg, Kusum	17/08/2017	58
3	ECE2017WO010	Alumni:Navdeep Singh	Motivational Talk on Joining Defense Forces	University	Amanpreet Kaur	18/08/2017	20
4	ECE2017WO011	Alumni:Aditya Mall	Interaction on Career Aspects and Higher Studies	University	Amanpreet Kaur	4/09/2017	15
5	ECE2017WO012	Mr. Ravi Boonapalli	The Future and Scope in Functional Verification using SystemVerilog	University	Neeraj Kr. Shukla	11/09/2017	15
6	ECE2017WO013	Alumni: Mr. Sidhartha Jaitly	Robotics and Higher Education	University	Naresh Kumari, Pooja Sabarwal, Kusum	25/08/2017	50
7	ECE2017WA005	All faculty	FDP on New Technology Area introduced in curriculum	University	NCU	5-10/06/2017	20
8	ECE2017WO014	Mr. Prashant and Gaurav Kumar	Workshop on "Internet of Things (IOT)	University	Ms. Amanpreet Kaur, Mr. Pankaj Rakheja	25/10/2017	50
9	ECE2017WO015	For school students	Workshop on "Robotics and Projects'	University	-Dr. Rekha Vig (Coordinator)	11/10/2017	65
10	ECE2017WO016	For school students	Workshop on " Projects'	University	EECE Department	15/11/2017	50

					faculty members-Dr. Rekha Vig		
1	ECE2017WO017	National Instruments	Workshop on Labview applications with practical realization	University	Anjali Garg, Shaveta	9/09/2017	30
2	ECE2017WO018	NITTTR Chandigarh through ICT	Short Term Course on "Renewable and Clean Energy Technologies"	National	Amanpreet Kaur	13-17/11/2017	11
3	ECE2017WO019	NITTTR Chandigarh through ICT	Short Term Course on "Power Quality Monitoring and Analysis"	National	Amanpreet Kaur	30 Oct-3Nov,2017	14
4	ECE2018WO001	MATHWORKS Expert	Deep Learning with MATLAB	University	Dr. Shaveta Arora	22/02/2018	30
5	ECE2018WO002	TechieNest (Mr.Kapil Gupta)	Workshop on Artificial Intelligence	National	Ms.Amanpreet Kaur,Mr.Pankaj Rakheja	06/03/2018	40
6	ECE2018WO003	Advanced Technology	Workshop on Wireless Sensor Networks	IEEE	Ms Kusum , Ms Charu	16-17/04/2018	30
7	ECE2018WO004	MATHWORKS Expert	MATLAB day: Hands-on MATLAB &Simulink Session	University	Dr. Shaveta Arora	20/03/2018	30
8	ECE2018WO005	Dr Nilesh M Desai (Dy Dir. ISRO)	Workshop on NavIC	University	Kusum , Dr Sharda	01/05/2018	100
9	ECE2018WO006	Experts from Industry and Academia	FDP on Cutting Edge technologies	University	Kusum, Dr Anjali	7-14/06/2018	25

MOUS SIGNED WITH INSTITUTIONS OF NATIONAL, INTERNATIONAL IMPORTANCE, OTHER UNIVERSITIES, INDUSTRIES, CORPORATE HOUSES ETC.

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
Mitshubishi Electric India Pvt Ltd	13/9/17	To support faculty and students to learn and	10 faculty 100 students

			implement automation using PLC, HMI, VFD and servo motors on various hardware projects and equipments provided by Mitsubishi Electric India Pvt. Ltd.	
ISRO-SAC Ahemdabad	5/02/18	installation of the IRNSS receivers and and research on mutually agreed topics	15 Faculty 200 students 7 Research scholars
SEAFARADAYS ENERGY PVT	11th September 2017	Internship , Job Orientation	All B.Tech and M.Tech Students of University

EXTERNSHIP(JULY 2017-JUNE 2018)

Faculty	Organization	Duration	Outcome
Dr. Vandana Khanna	CSIR-National Physical Laboratory	4 to 5 January 2018	Internship opportunities for M.Tech students, industrial visit, guest lecture
Anjali Garg	Bonton Cables	11.5.18	Industrial visit, internships
Nitin Malik	DNA Automation	30-31 May 2018	Industrial visit, internships

GUEST LECTURES

Sr. No.	PCN	Name of Guest Speaker	Designation, Affiliation	Topic of Guest Lecture	Dates	Organiz
1	ECE2017G005	Mr. Manish Bhardwaj	Network Security expert, Azure Skynet solutions Pvt. Ltd.	Networking and Security	03.08.2017	Shaveta Arora, Amanpre kaur
2	ECE2017G006	Ms. Ripanjeet Kaur	Sr. Engineer Mitsubishi Electric India Pvt. Ltd.	Awareness session on Mitsubishi Electric Cup-2018	23.08.2017	Anjali G Shaveta
3	ECE2017G007	Mr Sandeep Sharma	General Manager, Ericsson India Private Limited	Introduction to 5th Generation of Mobile Communication	13.09.2017	Anjali G Kusum Grewal I
4	ECE2017G008	Mr. Manas Jain	Associate Director, Axtria - Ingenious Insights, Gurgaon	Industry Applications of IoT	08.09.2017	Vandana Khanna, Amanpre Kaur

5	ECE2017G009	Namarta Katyal	Head, IDP, Gurgaon	Career Counselling for Higher Studies in Abroad	07.10.2017	Charu Rana, Naresh kumari
6	ECE2017G010	Mr. David Carisle	IDP	Career Counselling for Higher Studies-GRE.GMAT.TOEFL.IELTS requirements, SOP,LOR	12.10.2017	Charu Rana, Naresh kumari
7	ECE2017G011	Mr. Faiz Ahmed	Manager, IDP	Higher Studies- Guiding in application process	15.11.2017	Charu Rana
8	ECE2017G012	Mr. Kuldeep Singh	Project Manager, Nokia Networks, Noida	Machine Learning	08.11.2017	Naresh Kumari,Charu Rana
9	ECE2018G001	Dr Prabha Sharma	Emritus Professor	Optimization Techniques	31.01.2018	Dr Shaveta Arora
10	ECE2018G002	Prof S.D.Joshi	Professor and Head, Electrical Department, IIT Delhi	Context learning for Signal and Systems	22.02.2018	Dr Sharda , Pooja Sabherwal
11	ECE2018G003	Mr L N Vishwanathan	VP, Exicom pvt ltd	Data Communication : Latest Trends	26.02.2018	Dr Sharda, Kusum Grewal Dangi
12	ECE2018G004	Ms. Shikha Malhotra	Certifed Image Consultant,	Talk on 'Ace your Interview"	07.02.2018	Dr. Rekha Vig
13	ECE2018G005	Dr. Prabhjot	IIT, Madras	Future Mobility-Electrical vehicle	07.03.2018	Dr. Anjali Garg, Dr. Sharda
14	ECE2018G006	Ms Pooja Mohnani	NextExitFuture GmbH, Heidelberg, Germany	Human Imagination leading to technological innovation (5G)	27.03.2018	Ms Kusum, Dr Sharda
15	ECE2018G007	Mr. Abhinov Chakraborty	Regional Manager, Sofcon India Pvt. Ltd.	Arduino Based Projects	27.03.2018	Dr. Vandana Khanna, Dr, Neeraj Shukla
16	ECE2018G008	Mr Himanshu Mann	PwC , Australia	Digital marketing and Data Analytics	10.04.2018	Dr Sharda, Ms Kusum
17	ECE2018G009	Mr Sandeep Sharma	Ericssion India Pvt Ltd	Technology and Entrepreneurship	10.04.2018	Dr Anjali, Ms Kusum
18	ECE2018G010	Mr. Rajeev Saluja	Ericsson India Pvt. Ltd	4G and Movement to 5G	20.04.2018	Dr. Anjali Garg, Prof. Ahuja, Ms. Charu
19	ECE2018G011	Dr.Saroj Kaushik	Professor, IIT Delhi	Soft Computing Techniques	25.04.2018	Ms.Amanpreet Kaur,

						Mr.Pankaj Rakheja

CE

Industry Visits

S.No.	Title of Workshop/Seminar	Date(s)	Company	Organizing Faculty
1.	Industrial Visit to construction sites at Rajiv Chowk, Signature Tower and IFFCO Chowk	04.09.2017	Gawar Construction Pvt. Ltd	Ms. Purnima Bajpai
2.	Industrial Visit to 66 MGD Water Treatment Plant, Chandu-Budhera, Gurgaon	28.03.2018	Haryana Shahari Vikas Pradhikaran (HSVP), Gurgaon	Mr. Lokesh Choudhary

Industry Expert's Guest Lectures

S.No	Title	Speaker	Designation	Date
1.	Precaution and shortcomings observed while execution of building activities	Mr. Vineet Lochan Gupta	CEO, Save Techno Engineers	27th July, 2017
2.	Disaster mitigation agencies at National, State and District level.	Mr. Suresh Chandra Sharma	Senior Consultant at Ministry of Drinking Water & Sanitation, New Delhi	5th September 2017
3.	Role of Project Management and finance management in the Civil Engineering sector	Dr KN Rai	Former Chief Executive (CW&E) and Advisor (Special Projects) DRDO	20th September, 2017
4.	Hydrometeorological Extremes and Climate Adaptation in the Ganges Basin	Dr Ramesh Anand Vaidya	Alumni of IIT Delhi, MBA from Harvard & Ph.D from MIT USA, Member National Planning Commission Nepal in the Cabinet Rank	26 October 2017
5.	Tendering bidding and arbitration	Mr. Nitin Goyal	DGM, Tendering and arbitration, M/s Punj Lloyd India Ltd	15th Nov 2017
6.	Structural Numerical Modelling	Mr. Thainswemong Choudhury	Structural Engineer & Doctoral Fellow (Erasmus Mundus Heritage Program)	9th February 2018

7.	Industrial Interface of Waste Water Engineering	Ms. Rupali Gupta	Project Coordinator at Ecosystem Resource Management Pvt. Ltd., New Delhi	12th April, 2018
8.	Project Management its importance and application	Mr Hemant Kumar Rai	CEO and Director, Sea Faradays Defence Solutions Pvt Ltd	27th April 2018
9.	Strategy & Approach for cracking Competitive exams	Mr. Vipul Bajaj	Assistant Director (MES) Chandigarh Zone	23th October 2017

Workshops & Seminars

S.No.	Title of Workshop/Seminar	Date(s)	Software Partner
1.	Workshop on M X Road Software	22.03.2018	Aptron Solutions Pvt. Ltd.
2.	Workshop on STAAD Pro Software	09.02.2018	CADD Center Pvt. Ltd.
3.	Workshop on M X Road Software	06.09.2017	CADD Center Pvt. Ltd.
4.	First Responder Training Workshop	23.02.2018	IRSC, IIT Delhi
5.	Workshop on Primavera P6	19.01.2018	Capricot, Delhi
6.	Workshop on Primavera P6	03.08.2017	Capricot, Delhi

MoUs/ Collaborations with Industries

S.No.	Title	Date(s)	Company
1.	One paid internship	Oct. 2017	M/s Sea Faradays India Pvt. Ltd.
2.	One guest lecture	Oct. 2017	M/s Sea Faradays India Pvt. Ltd.
3.	One live project	Oct. 2017	M/s Sea Faradays India Pvt. Ltd.
4.	Two placements	Oct. 2017	M/s G-Engg. Advisory Services Pvt. Ltd.
5.	Five internships	Oct. 2017	M/s G-Engg. Advisory Services Pvt. Ltd.
6.	One industrial visit	Oct. 2017	M/s G-Engg. Advisory Services Pvt. Ltd.
7.	One live project	Oct. 2017	M/s G-Engg. Advisory Services Pvt. Ltd.
8.	One internship	March 2018	M/s Smash Contractors

9.	One placement	April 2018	M/s Bhavishya India Group
10.	Consultancy	April 2018	M/s Bhavishya India Group
11.	One internship	April 2018	M/s Bhavishya India Group

Externship done by faculty Members

S.No.	Faculty	Title	Company
1.	Ms. Purnima Bajpai	Off-shore renewable energy MOU for internships & externship and live projects Curriculum revision, new elective proposed	M/s Sea Faradays India Pvt. Ltd.
2.	Mr. Lokesh Choudhary	MOU for internships & externship and live projects Curriculum revision, new elective proposed	M/s G-Engg. Advisory Services Pvt. Ltd.
3.	Mr. Shubham Bansal, Mr. Diptendu Roy	Industrial visits and guest lectures MOU for internships & externship and live projects Curriculum revision, new elective proposed Empanelment of NCUTC	GMR Group

FDP by Industry Expert

Date	Day	Resource Person
01.06.2018	Friday	Ms. Lipika (Client Specialist & Trainer) Session on "Optimum Utilization of Available Online Resource Materials in Research"
		Mr Rajeev Bansal, Sr, Consultant TCS, Financial Literacy
02.06.2018	Saturday	Ms. Chanda Sindhwani Corporate Trainer Team building
04.06.2018	Monday	Maj. Gen. Seth Session on "Communication Skills"
		Lata Singh Dasila (ICF Certified Life Coach) Session on "Social Emotional Assessment vis-à-vis Community Perspective"
05.06.2018	Tuesday	Maj. Gen. Seth Session on " Dependibility and Time Management"
		Dr Rekha, (Dr.,associated with Akhil Vishwa Gayatri Pariwar) Yagyopathy

APS

COLLABORATION WITH NPL

Dr Hukum Singh visited CSIR-National Physical Laboratory on 8 March 2018 for possible research collaboration between NCU and NPL. He met Dr Mahavir Singh, Senior Principal Scientist and Head, Division of Acoustics and Vibration. Dr Hukum Singh discussed Teacher Associate ship for Research Excellence (TARE) scheme and ongoing topics of research. Dr. Hukum Singh also met other scientists at NPL.

FACULTY DEVELOPMENT PROGRAM
An FDP was organized by the Department from 1-7June 2018 in which eminent speakers delivered lectures such as scientist Dr Sailesh Narayan Sharma, NPL, Delhi, on 'Nanomaterials for Photovoltaic Applications'; Scientist Mr Yogesh Adhana, DRDO, Delhi, on 'Introduction to Cryptography'; Ms Bhavna Bhira, Art of Living on 'Health and Happiness Program'; Dr Rekha on 'Science of Yogyopathy' and Dr Ambika Devi, Head, Dept of CSE&IT presented the 'One year strategic plan of Department of Applied Sciences'. Members of the faculty were informed about their targets, roles and responsibilities, and the Department's focus on major initiatives like teaching-learning processes, quality intake of students, curriculum and research. A session was conducted by Brahma Kumaris on 'Our Thought Process'.

SOM
Guest lectures

1) Prof J N D Gupta, College of Business, on "Using Business Analytics to Enhance Operations and Supply Chain Performance" on 4th Oct, 2017 (Professor of Information Systems, Industrial and Systems Engineering and Engineering Management at The *University of Alabama* in Huntsville).
2) Prof P C Jain, on "Career Guidance: Aspiration or Perspiration" was organized for Commerce students on 16th October, 2017 - (*formerly Principal, SRCC, Delhi University*, currently advisor to SRCC and Visitor's (President's) nominee to Central Universities, govt. of India nominee to ICAI, ICWAI and on the boards of various educational institutions.
3) Prof. Debi Saini (*formerly with MDI, Gurgaon and currently Emeritus Professor, IIM, Ranchi*) on "Employee Engagement for Building a High Performing Organisation" on 6th Nov, 2017.
4) "Unlocking Value through Creativity, Innovation and Entrepreneurship"by Mr Vijay Rai, **Managing Director (Asia Pacific and EMEA Markets), Saviour US Inc.** on 15th Nov, 2017.
5) Prof. Kavita Singh (*faculty at FMS, Delhi University*) on "Unleashing Human Behavior in the Era of Disruptive Innovation" on 29th March, 2018.
6) "From Corporate Social Responsibility to Corporate Sustainability" by Mr Pravin Mallick, *Environment Director for South Asia markets at Tetra pak* (on 17th April, 2018).

Seminars

1) School of Management organized a one-day seminar on October 27, 2017 on *"Sustainability Education: Sensitizing Students towards Societal Needs."* In this seminar, there were 125 paid participations from across the university & few non-NCU students.
   Invited Speakers - Mr. Hitesh (National Manager, Ricoh India Ltd.), Ms. Sweta Bhattacharjee (Senior Manager, Volunteer Action, North-CRY), Ms. Mamta Saikia (COO, Bharti Foundation),

Mr. JitendraRoutray (Head CSR, ReNew Power), Ms. RanuKulshreshtha (Group Head-CSR Hindustan Power Projects Pvt. Ltd.

Subsequent to this one-day seminar on *"Sustainability Education: Sensitizing Students towards Societal Needs",* as a unique initiative, NCU joined hands to support Child Rights and You (CRY) for a social cause. Out of the collections towards the registration fee an amount of Rs. 18000/- was donated to CRY.

2) **National Seminar in collaboration with Association of Indian Universities** organized a National Seminar on "Women as Critical Partners in an Egalitarian Society: An Evaluation of the Current Status in India" on 8th & 9th March, 2018. (coinciding with International Women's Day).

   The session Chairs and panelists comprised of:
   Vice Chancellors, Heads of Department, Senior Professors from D.U., JNU, Jamia, IGNOU, O P Jindal, MANU Hyderabad, senior official from UGC. First woman Airforce Officer, entrepreneur, doctor, COO, EdCIL and AIU officials. Most paper presenters were from outside Delhi/NCR.

3) School of Management organized 2 Entrepreneurship Awareness Camps sponsored by EDI (Entrepreneurship Development Institute), Ahmedabad. The objective of the EACs was to sensitize students towards entrepreneurship. 105 students participated in first EAC from 22-24 March 2018 and 87 students participated in 2nd EAC from 28-30 March 2018. The topics discussed during the EAC were related to rural marketing, IPR, Business Continuity Planning, creativity and innovation.

Consultancy

SOM bagged an HRD Consultancy assignment from Christ Institute of Management, Ghaziabad (15 hours spread over 4 days – Rs.30,000/-, Mar 2018). The assignment was on Industrial/Organizational Psychology – participants, many of them with corporate experience, were taken through topics like Organizational citizenship behavior, Organizational justice, Positive psychology, Employee responses to M & As, downsizing, etc.

SOL

In the National Law Schools Survey 2017 SOL was awarded 3rd Rank in the Northern Region and 8th Rank in the category of 'Eminence' by Global Human Resource Development Centre (GHRDC), New Delhi. It has been a delightful yet a rigorous joint effort on the part of the students and faculty who have relentlessly worked for the success of SOL. NCU's School of Law has been recognized as the Best Emerging Law School in India in the survey conducted by Careers 360 in January 2017. Besides academics, students participated in various co-curricular and extra-curricular activities organized across the country SOL pro-actively organized various national and international-level programmes on the campus. Students of 2012 – 17 batch received lucrative job offers at reputed law firms, corporate offices and LPOs. During the reporting year seminars and conferences organized by SOL brought together legal stalwarts from various areas of law to enhance the

understanding of law in the emerging and complex legal arena. To provide in depth understanding about pedagogy of research and teaching in the domain of Law, the Centre for Post-Graduate Legal Studies at SOL organized an FDP on 'Legal Research and Teaching Methodologies in Contemporary Era' from 5-10 June 2017. The aim of the FDP was to provide better understanding about various methods of research and to create awareness about the role of legal research in the development of law.

❖ **Admission of Students**

COURSES /YEAR OF ADMISSION - 2017-18	STUDENT STRENGTH
B.Tech	255
BSc Maths	16
BSc Physics	12
M.Tech	24
MSc Maths	12
SCHOOL OF ENGINEERING & TECHNOLOGY TOTAL	**319**
BBA	157
B.Com(H)	19
MBA	32
SCHOOL OF MANAGEMENT TOTAL	**208**
BBA-LLB	116
LLM	7
SCHOOL OF LAW TOTAL	**123**
GRAND TOTAL	**650**

6.2.2 : Implementation of e-governance in areas of operations:

❖ **Planning and Development**

1. The University perspective plan was discussed during the Annual Academic Advisory Board meetings held on 24th Feb 2018. The outcomes identified for implementation during the course of the year on an ongoing basis. Various aspect discussed during the year 2018 are as under:-
   a) The University undertook a major exercise in reviewing the curricular development and course design. Besides reducing the credit, it is to provide students the opportunity to develop wider range of transversal skills, including critical thinking, analytical reasoning and collaborative working. Leading industries such as Delta, Power Sources, Mitsubushi are currently providing cutting edge technology courses.
   b) Commonality of the first year course in B.Tech. Programme. This shall facilitate, easy migration of students.
   c) Introduction of Lateral Entry Scheme. Introduced Lateral Entry Scheme for B.Tech. programme from the Academic year 2018-19.
   d) Value Added Curricular: To encourage new ideas students have been provided platform 'Tinkering Lab'.
   e) Aim of Developing positive attitude and reduce negative energy & stress, the University has

established 'Thought Lab' which is being used by the students, faculty members & staff.

   f) Office of International Relationship: A new office of International relationship has been opened:-

- To help for students guidance & admission abroad.
- Study India Programme
- Assist International students to take admission in our country.

2. Quality of Faculty

- As a policy, it has been decided in the implementation plan that all full time faculty members should be PhDs progressively in the next 5 years. Currently 45% of our faculty members are PhD qualified.
- Target upto 10% faculty to be from Industry, who have a proven track record.
- Develop Academic Leadership through a Leadership supply chain by selecting young faculty early in their career with a clear progression path from faculty to faculty coordinator to Heads and then to Pro Vice Chancellor.
- Ensure diversity of faculty, by recruiting.

3. Research Development to maximise opportunities for research by:
- Establishment of Centralised research lab.
- Vice Chancellor's Innovation fund to bring forth the best research projects.
- Performance based awards, which works as a research enabler with innovative incentives.
- Best research paper award.
- System of Budgetary demand.
- Establishment of Centre of Excellence, Daikin etc.
- Provide 24X7 access to e-resources to faculty & scholars.
- Establishment of NCUTC, to enhance consultancy of department.

   g) Target that 15%.

❖ **Administration**

The University internal Organisaion structure is well defined. Governing Body, Board of Management, Academic Council and Finance Committee are the four Statutory bodies with their specified roles, composition and meeting schedule. Issues flow upwards from departments to schools through Heads and Director, where detailed discussions bring out all aspects of all issues. Vice Chancellor is the head of both Academic Council and Board of Management which have members from the Deptt. (HoDs and faculty), thus providing continuity throughout the decision making process. Governing Body is the highest decision making body with Chancellor as its Chairman which provides directions, ratification and reviews the various decisions at the apex level. In addition an Academic Advisory Board, which is independent of the structure of the University, gives long term strategic advice on all academic matters and life at the University.

❖ **Finance and Accounts**

- A capital and revenue budget preparation is undertaken by the Chief Financial & Accounting Officer (CFAO) each year and monitored by the Finance Committee.
- The University has mechanism for Internal audit through the Finance Committee by the CFAO and through Chartered Accountant for external audits.
- The University is a self-financing institute and gets no grants from any source either from the State, Centre or UGC. The University has a Corpus Fund of INR 3.00 crores in the form of fixed deposits with the Govt. of Haryana.
- The audited Income & Expenditure statement for the academic & administrative activities for the financial year 2017 is as follows:-

EDUCATE INDIA SOCIETY
INCOME AND EXPENDITURE ACCOUNT
FOR THE YEAR ENDED 31 ST MARCH 2017
(After incorporation of financials of The North Cap University)

	SCHEDULE NO.	Year Ended 31st March 2017 ₹	Year Ended 31st March 2016 ₹
Income :			
Tuition Fee		646,790,679	622,493,328
Hostel Fee		6,133,667	4,064,444
Alumni fees		793,000	775,000
Value Added Course Fees		348,500	75,000
Subscription / Sponsorship		2,227,394	1,752,496
Miscellaneous Income		4,682,853	3,621,826
Interest Received		9,618,108	6,080,948
Grant Against Depreciation & Recuring Expenses		5,683,273	3,483,866
Fund from Department of Science & Technology		4,343,486	-
Refund from National Board of Accredation		1,300,000	-
Donation		-	50,000
Total		681,920,960	642,396,908
Expenditure :			
Energy Charges		35,300,359	45,211,630
Contingent Expenditure	H	36,643,808	50,404,734
Hostel Expenditure	I	7,393,052	3,989,052
Interest on Loan	J	76,083,301	74,628,065
Maintenance Expenditure	K	23,824,634	22,792,127
Library Expenditure	L	7,914,293	6,703,322
Non Teaching Staff	M	89,936,269	91,677,372
Teaching Staff	N	260,353,454	272,016,360
Training Expenditure	O	27,374,310	21,666,965
University Expenditure	P	990,035	2,039,185
Re Branding Expenses		-	12,517,133
Property Tax		500,000	7,078,639
Student welfare Expenses		11,558,655	11,359,512
Scholarship		13,792,789	16,275,599
Donation		250,000	
Total (1)		591,914,959	638,359,695
Loss on Sale of Fixed assests		190,678	-
Depreciation		73,423,355	75,492,758
Total (1+2)		73,614,033	75,492,758
Total		665,528,992	713,852,453
Surplus/ Deficit		16,391,968	(71,455,545)
(Deficit) brought forward from previous year		(194,722,171)	(123,266,625)
(Deficit) carried to balance sheet		(178,330,203)	(194,722,171)

The Schedules referred to above form an integral part of the financial statements.

In terms of our report of even date annexed

For S. Ramanand Aiyar & Co.
Chartered Accountants
Firm Registration No. 000990N

V. DAULET SINGH
CHAIRMAN

AVDHESH MISHRA
SECRETARY

SHIV SARAN MEHRA
TREASURER

R. Balasubramanian
Partner
M.No. 080432

Place: New Delhi
Date: 2 5 OCT 2017

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❖ **Student Admission and Support**
- Admission: Completely online and transparent and based on the minimum eligibility conditions and selection criteria.
- Student portfolio creation to help student make a progressive in their career.
- Two major feedback mechanism for students exists in the University.
  - Student Class Committee
  - Student Feedback form- every semester.
- Students are part of a 12 subcommittees formed, for governance of the University.

❖ **Examination**

Registration on NAD (National Academic Depository) Link available on University website is mandatory for students of all programs to enable easy and immediate access to all their academic awards.

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2017	Dr. A Goswami	International conference on nanotechnology : Ideas, Innovations & Initiatives 2017 at IIT Rurkee	-	INR 3,000
2017	Dr. S Singh	5th International Conference on Powder Metallurgy & Advanced Materials, Ropm&Am2017 in Romania	-	INR 25,000
2018	Dr. V Sharma	International conference on CMST (Computational Materials Science and Thermodynamic Systems) -2018, University of Cambridge, UK	-	INR 25,000
2017	Rekha Vig	ISTC (IBM Solutions Technical Conference)-	-	INR 10,000

Year					
		2017 at Bangalore			
2017	Dr. Hukum Singh	'Nanotechnology: Ideas, Innovations & Initiatives-2017' at IIT Rurkee		-	INR 10,000
2017	Ms. Mehak Khurana	'International Conference on Condensed Matter and Applied Physics 2017 at Bikaner Rajasthan		-	INR 9700
2018	Ms Suman Bhatia	International conference on 'Engineering Vibration, Communication and Information Processing (ICoEVCI-2018) at Manipal University, Jaipur		-	INR 5000
2018	Dr Anjali Garg and 4 Students team	Mitsubishi Electric Cup-2018 , the National level competition organized by Mitsubishi Electric India Pvt. Ltd in Ahmedabad		Mitsubhishi	INR 35000

6.3.2 Number of professional development / administrative training programmes organized by the University for teaching and non-teaching staff during the year   CE & SOM- NA

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
CSE					
2017	FDP on IoT Training Excellence	0	5th-10th June	22	0
2018	Workshop on Big Data and Deep Learning	0	7th-8th April	20	0
2018	Workshop on Machine Learning & Deep Learning with Python	0	4th-7th June	20	0

ME					
2018	Structured Surfaces-Fabrication Methods and Applications	-	6 June 2018	8	-
2018	Mathematical calculations using VEDIC maths	-	7 June 2018	10	5
EECE					
2018	FDP on Cutting Edge technologies	-	1-7 June 2018	15	10
2018	Deep Learning with MATLAB	-	February 22, 2018	12	4
2018	-	MATLAB day: Hands-on MATLAB and Simulink Session	March 20, 2018	8	8
2017	-	Control systems from Techno instruments Roorkee	September 12, 2017	12	10
2017	-	Software defined radio from Academika	25 September, 2017	14	10
2017	-	Wireless sensor networks	November, 2017	7	10
2018	-	Staff development Program	May 28 – 29, 2017	2	10
APS					
2018	Nanomaterial for Photovoltaic Applications	-	1-7 June 2018	All	-
2018	Introduction to Cryptography	-	1-7 June 2018	All	-
2018	Health and Happiness	-	1-7 June 2018	All	-

	Program				
2018	Science of Yogyopathy	-	1-7 June 2018	All	-
SOL					
2018	Faculty Development Programme	Legal Research Methodology and Team Building	1-7 June 2018	23	2018
2017	Faculty Development Programme	Environment and Sustainable Development	1-6 January 2018	18	2017

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
CSE		
FDP on IOT Training Excellence	**22**	5th-10th June 2017
Workshop Big Data and Deep Learning	**20**	7th - 8th April, 2018
FDP on "Emerging Trends in Image and Text Analytics using Machine Learning",	**2**	21st – 25th May 2018,
Machine Learning & Deep Learning with Python	**20**	1st -7th June 2018
ME		
MIG/MAG and its Variants	1 (Mr. Anmol Bhatia)	19th -20th January 2018
Fundamentals of Duct Design	1 (Mr. Jag Parvesh Dahiya)	9 February 2018
One week Faculty Development Programme	11	01 June 2018 – 07 June 2018
EECE		
FDP on Cutting Edge technologies	15	1-7 June 2018
Journey of Science and Technology in India: A historical perspective	1	2 September 2017
ISTC-2017	1	31 August 2017
Short Term Course on "Renewable and Clean	4	November 13-17,

Energy Technologies"		2017
Short Term Course on "Power Quality Monitoring and Analysis"	4	30 October – 3 November, 2017
CE		
Faculty Development Programme on Skill Enhancement	3	01.06.18-07.16.18
Faculty Externship Programme in GMR Group	2	21.11.17-22.11.17
Faculty Externship Programme in G Engg. Advisory Pvt. Ltd.	1	28.10.17-29.10.17
Faculty Externship Programme in Seafaradays India Pvt. Ltd.	1	12.09.17-13.09.17
APS		
Nanomaterial for Photovoltaic Applications	All	1-7 June 2018
Introduction to Cryptography	All	1-7 June 2018
Health and Happiness Program	All	1-7 June 2018
Science of Yogyopathy	All	1-7 June 2018
Orientation Program	All	28 July 2017
SOM		
Capability Building Leading to Better Performance	15 (11 faculty member & 4 PhD scholars)	1st-6th June, 2018
Orientation Program	New faculty members and visiting faculty members	5th August, 2017 and 13th Jan, 2018
SOL		
Teacher's Training Programme on Environmental Law and Policy	02	4-9 June 2018

6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):

Teaching		Non-teaching	
Permanent	Fulltime: 140 (Visiting 46)	Permanent	Fulltime: 103 (Admin- 39, Tech.- 64)

6.3.5 Welfare schemes for

Teaching	• Faculty development programs at dept. and university level. • Mentoring scheme • Holistic, participative and multilevel 360 degree annual appraisal process. feedback from all stakeholders (students, admin, peers, hod, central committee), high achiever awards • VC Innovation Fund • Individual cabins • Flexible timings for faculty, freedom of house ,part time facility, sabbatical leave,

	special casual leave for outreach activities • Incubation Center, Tinkering Lab, Thought Lab
Non-teaching	Certificate of equivalence scheme for technical staff for qualification upgradation
Students	N Scholarships and fee concessions, GATE Teaching Assistantship for M.Tech, Research Fellowship Award, Subsidized bus facility, Society fees reimbursement for eligible students.

For All Employees
- In-House Medical Centre and regular health camps
- Cashless mediclaim policy
- Gratuity scheme
- PF scheme
- Day Care facility for staff members
- Celebration of events for employee engagement (Teacher's day, Women's day etc)
- Well - defined service rules
- ERP
- 100% e-governed campus
- Leave Benefits Casual Leave/ Earned Leave/ Maternity Leave/Study Leave/ Vacation Leave/Special Casual Leave/Short Leave
- Women Cell (Internal Complaint Committee)

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

 (with in 100 words each**)**

A capital and revenue budget preparation is undertaken by the Chief Financial & Accounting Officer (CFAO) each year and monitored by the Finance Committee. The University has mechanism for Internal audit through the Finance Committee by the CFAO and through Chartered Accountant for external audits. The University is a self-financing institute and gets no grants from any source either from the State, Centre or UGC. The University has a Corpus Fund of INR 3.00 crores in the form of fixed deposits with the Govt. of Haryana.

6.4.2 Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year (not covered in Criterion III) NA

(The University is a self-financing institute and gets no grants from any source either from the State, Centre or UGC)

Name of the non-government funding agencies/ individuals	Funds/ Grants received in Rs.	Purpose
-	-	-

6.4.2 Total corpus fund generated   **INR 3.00 crores**

6.5 Internal Quality Assurance System

6.5.1 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Internal Audit conducted with External Experts			
Administrative	An administrative audit/survey was conducted by Accreditation Services for International Colleges (ASIC), UK during 13 to 15 September 2016, headed by Prof. Dr. John Wilson, Head			

| of Accreditation, ASIC. As a result, The NorthCap University got the reaccreditation in the category of 'Premier' Universities, with 'Commendable' Grades, for 2016-2020. |

6.5.2 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

NA

6.5.3 Activities and support from the Parent – Teacher Association (at least three)

- The University has a transparent mechanism of interacting with Parents. Parents can meet any of our Faculty members, Heads of the Departments, Dean(s), Director(s) and even the Vice Chancellor at any given time for any of their concerns.
- Weak students are identified by faculty and monitored for progress regularly. Parents are informed in case progress is not satisfactory.
- Visits by parents and parents' interaction with HODs help getting the feedback for improvement.
- Interaction with parents for Anti-Ragging.
- Attendance deficiency is informed to students and parents as well.

6.5.4 Development programmes for support staff (at least three)

- Staff development program on achieving Service Excellence for motivating non-teaching staff through Interactive Workshop by Sanjay Sahay (6+4 days)
- Fire Fighting Training
- First aid training

6.5.5 Post Accreditation initiative (s) (mention at least three)

- Renew of Curriculum
- Reduction in programme credits of all Engg. Courses from 180-190 to 170-175.
- Student Counselling by faculty members

6.5.6

a. Submission of Data for AISHE portal : (Yes /No) **Yes**

b. Participation in NIRF : (Yes /No) **Yes**

c. ISO Certification : (Yes /No) **No**

d. NBA or any other quality audit : (Yes /No) **No**

6.5.7 Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date & Duration of conducting activity	Number of participants
2017	Five IQAC meetings held since July 2017. The details are as follows: i. 6th IQAC meeting	7th July 2017	21
2017	ii. 7th IQAC meeting	2nd Sept 2017	21

2017	iii. 8th IQAC meeting	25th Nov 2017	20
2018	iv. 9th IQAC meeting	22nd Jan 2018	22
2018	v. 10th IQAC meeting	24th Mar 2018	21
2017	AQAR submitted for year 2016-17	19th Sept 2017	-
2018	Participated in **NIRF** and achieved 1st Position (Engineering Category) among Private Universities in Delhi & Haryana and also featured in the Top 200 list of Universities of the country and continues to be leader amongst all Private Universities in Delhi & Haryana	Ranking 2018	-
2016-21	University is accredited by the **National Assessment and Accreditation Council (NAAC)**	For period 2016-2021	-
2017	Professional society – American Society for Quality. The events held so far are as follows:- i. ASQ Yellow Belt Certification Programme	5&6 Oct 2017	162

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period (from-to)	Participants	
		Female	Male
An event 'OPEN MIC' was organised by 'YUKTI' to focus on 'Women Safety and Empowerment'	6 September 2017	35	15
Up We Rise – A walk for Gender equality	8 March 2018	120 (Approx.)	80 (Approx.)

7.1.2 Environmental Consciousness and Sustainability/ Alternate Energy initiatives such as: E-Waste Management, Solar Energy, Science Day Celebration, Greenery, Rainwater Harvesting, ENACTUS, Wind Driven Exhaust etc.

Percentage of power requirement of the University met by the renewable energy sources: **90%**

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Ramp/ Rails	Yes	1
Braille Software/facilities	No	1
Rest Rooms	Yes	1
Scribes for examination	No	1
Special skill development for differently abled students	No	1
Any other similar facility	Extra 20 mins/ hr for exams.	1

7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2017	• A large no. of industry are placed in the vicinity	• Local community engaged during	2017-18	-	-	-

	of the University. • Industry facilitated good summer internship for our students. • Our distance locational advantage helped using attracting good faculty to the University. • Swach Bharat initiative by students, educating the villages in Dhankot, on cleanliness, tree plantation, use of BhimApp for digital payment.	elective and also awareness for road safety. • Participation in the running of the Govt. • Road safety awareness.			

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Ethics Policy	April 2016.	The NorthCap University is committed to the highest ethical and professional standards of conduct, in pursuit of its mission to provide rigorous high quality education to meet national needs and international standards. The statement of the Core values are; Integrity, Excellence, Accountability and respect.

7.1.6 Activities conducted for promotion of universal Values and Ethics		
Activity	Duration (from-------to-------)	Number of participants
• Activities like value cards given to the students to identify the most important values to lead a successful life and giving reasons for selection. Understanding the importance of values in functional areas of an organization. • Understanding the harmony in life and work-life, practicing workplace spirituality and mindfulness for peace and harmony. Differentiating between need and want, such and suvidha. • Project on corporate social responsibility initiated by students to understand and develop the desire to give back to the society by contributing time and efforts in various NGOs. • Guest lecture sessions on POSH Act and gender sensitivity to be more aware of the surroundings and workplace	July-Dec, 2017 Jan-Jun, 2018	**731** **30**

7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)
• NCU is an environmental friendly institution. A 150 KW rooftop solar PV system with a net metering facility has been installed to provide alternate source of power to the University in line with the State and National objectives of using solar energy. • In order to ensure zero wastage of water, we have installed an effective rain water harvesting system as well as sewage and waste water treatment plants. • NCU is committed to the green movement and campus-wide initiatives at reducing, reusing and recycling are helping it achieve a green code of living. A Recycling Machine at the University converts used PET bottles into T-shirts, bag packs, caps etc. • To check the emission levels of vehicles parked at the University, a Pollution Checking Centre has recently been set up inside the campus. • The University is surrounded by lush green gardens and this is the16th consecutive year when the University has been declared the winner of the HUDA garden competition in Gurugram.

7.2 Best Practices
Describe at least two institutional best practices Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link **http://www.ncuindia.edu/images/Best%20Practices%20&%20Institutional%20Distinctiveness.pdf** • VC Innovation fund is provided to student projects having a new and applicable idea in order to encourage them to extend the scope of their work and to come out with a product that can have commercial significance. The VC Innovation Fund is open to projects from all departments. http://www.ncuindia.edu/VC-Innovation-Fund/ • The Mentor-Mentee scheme for the faculty members by renowned external mentors and the students by the internal experienced faculty. Some of the other practices being followed in the university are as follows:- • The comprehensive faculty assessment & development process–Appraisal/ FDP/ external exposure etc. • E-learning & E-Portfolio for students.

- Compulsory of Employability assessment tests.
- One foreign language, French, German, Spanish for each student before the pass out.
- Tinkering Lab, Thought Lab, Incubation centre, NavIC Lab & Industry projects.
- Centre of Excellence with Maruti, Daikin, ISRO Ahmedabad & Centre for Development in Energy and Environment Policy (CDEEP).
- LMS, an online platform for uploading course material and assignments. Separate portals for each course is created in the LMS by the faculty who is taking the course. The students have all round access to the LMS window through which they can avail the course material.
- Previous years question papers are uploaded regularly in the LMS for the benefit of the students. http://lmsncu.ncuindia.edu/login/index.php
- Mapping of co-curricular activities with courses
- Externship
- Peer-Tutors Program
- Value Added Courses
- Introduction of Lab Project(Mini Project)
- Collaboration with IITS
  - IIT Delhi: Virtual Labs
  - IIT Madras: QEEE
  - IIT Bombay: Spoken Tutorial
- First year summer projects
- Class Counsellors

7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust. Provide the weblink of the institution in not more than 500 words

http://www.ncuindia.edu/images/Best%20Practices%20&%20Institutional%20Distinctiveness.pdf

- A stringent faculty selection process with good compensation and enabling HR policies, which have attracted talented faculty.
- Flexibility to review curriculum on a regular basis through a well-established process of making academic interface, vetting through BOS and Academic Council.
- A choice based credit system, with continuous evaluation relative grading, duly moderated through a credible examination system.
- A system driven university with ERP modules for all major functions of the University.
- A good placement record, with 90% of the eligible students getting placed.
- A very safe environment for girl students and women employees. Not a single student of ragging in the last 22 years of its existence.
- Best infrastructure by way of air conditioned class rooms, State of Art auditorium, Wi-Fi campus and a robust Learning Management System.
- Renewal Energy and Green campus with Solar Park of 15KW.
- Rain harvesting and ETP facility.

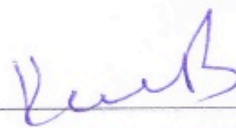## 8. Future Plans of action for next academic year (500 words)

1) Regular revision of curriculum to align it with the global practices viz. MOOC, experiential learning, context learning and outcome & project based education. Study of 2 MOOC courses & experiential learning to continue and faculty are engaged & trained.

2) Implementation of Parent Information System and creation of Student E-portfolio.

3) Expand the Incubation Centre to encourage innovative activities & socially relevant projects amongst students.. Currently, the projects undertaken are Online Food Aggregator, Smart Watch, Fruit Freshness System, E-Medi Box and SAHAYAM (Drone System).

4) To enhance quality research output by bringing research achievement and attainment of faculty into a proper appraisal and reward system.

5) Create Centres of Excellence for cutting edge technology transfer from Industry to students. A tie-up with MAGES Excellence, Singapore for new technologies e.g. AR/VR, AI, Robotics done. Other potentials areas like renewable energy , cognitive sciences being explored.

6) Upskilling of faculty through industry externships and association with industry experts. .

7) To establish processes for internationalization of education at University by exchange of students and faculty along with study-abroad and study-India programmes. Tie-ups being expanded to include Universities like Michigan Technological University (MTU), USA and SIT, Tokyo Japan.

8) To increase project submission to funding agencies for socially relevant projects. Conducting workshops, awareness camps and participation of students & faculty in Government sponsored social programmes.like Swaachh Bharat etc.

9) To enhance Alumni Relationship activities to get visibility Pan-India and International.

10) To launch new academic programmes in areas like Liberal Arts, Augmented Reality and Fine Arts etc.

11) Establish IPR cell to facilitate our faculty to take research work to logical end and encourage patents and technology transfers for societal applications.

12) To inculcate ethics and conflict resolution in mind, University established Thought Lab in association with Brahmakumaris and integrated sessions are planned in all programmes.

Name **Prof. AP Dash**   *Name* **Prof. H B Raghavendra**

_____   _____
Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

_____ *** _____

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ANNEXURE 1

NCU
THE NORTHCAP UNIVERSITY™
NAAC ACCREDITED

Faculty Course Booklet

Department	EECE
Academic Year	2018-2018
Semester	EVEN (Jan - June 2018)
Section	ECE/CSE (DEPARTMENT & OPEN ELECTIVE)
Course Name	GENETIC ALGORITHMS
Course Code	ECL 430/422
Faculty Name	MS. AMANPREET KAUR
Course Coordinator	MS. AMANPREET KAUR

Date: Jan 2018

Signature: Amanpreet Kaur

Time Table for the Course: _Genetic Algorithms_____

	1	2	3	4	5	6	7	8
MON								
TUE							RN-211 ← GA (L) →	211
WED							RN-211 ← GA LAB →	
THU								
FRI	RN 211 LAB-1							
SAT	RN 211 LAB-2		RN 204 GA (L)					

HOD's Observations

Date	Visit#	Comments	Signature
22/3/18		Course plan Minor result analysis	22/3
2/6/18		Major Result analysis Action plan	2/6

TEACHING DELIVERABLES
AND OBLIGATIONS OF FACULTY

TEACHING COMMITMENT NORMS

Designation	Credits/ Hours Per Week
Senior Professor And Professor	8 Credits
Associate Professor	10 Credits
Assistant Professor	12 Credits
Assistant Professor Cum Teaching & Research Associate	16 Hours (Only Practicals/Tutorials under the Supervision of the Concerned Asso. Prof./ Prof./ Sr. Prof.)
+/- 10% Fluctuation is Permissible on Account of Genuine Reasons /Load Requirement of the Course.	

L T P AND CREDITS				
Particulars	Credit	Duration	Normal Class Size	
			UG	PG
1 Lecture Period	1 Credit	50 - 60 Min	45-60	Actual Intake
1 Tutorial Period	1 Credit	50 - 60 Min	20-30	
1 Practical Period	0.5 Credit	50 - 60 Min	20-30	
Any lecture class of 2 or more sections with combined strength between60 to 90 will be treated as 1.5 credits				

GUIDELINES

* Every Professor/Associate Professor will be engaged for 2 hrs per week of lab supervision to guide and train Asstt Prof and Teaching & Research Associate(s). A monthly record is to be kept by Prof/ Associate Prof, specifying the observations and suggestions regarding lab /practical development to track the progress and performance of Asstt Prof and Teaching & Research Associate(s), which will be discussed during the Annual Appraisal Process.

* Every Sr Prof/Professor must be engaged for at least 1 hr per week of supervision to PhD scholars (expected to guide up to 7 PhD scholars). A detailed monthly report is to be submitted to RDIL Office.

* Every faculty, as far as possible should take up to 2 different lecture courses in a semester.

* Faculty will not be allotted or engaged in more than three lectures in a day. Deviation, if any, with reasons must be approved by DOS and VC.

* Every Faculty shall prepare, update and review LMS regularly for each course on a weekly/. fortnightly basis.

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COURSE TEMPLATE
Note: Write NIL where required. Do not leave blank.

1.	Department/School:	SOET / EECE		
2.	Course Name	3. Course Code	4. L-T-P	5. Credits
	Genetic Algorithms	ECL 430/422	2-0-2	3

| 6. | Type of Course (Check one): Programme Core ☐ Programme Elective ✓ Open Elective ✓ |

7. Pre-requisite(s), if any (Mention course code and name)	8. Significant Overlap with any course(s) (Specify only if overlap is more than 15%)
NIL	NIL

| 9. | Frequency of offering (check one) ☐ Odd ☐ Even ☐ Either semester ✓ Every semester |

10. Information about Faculty involved

Faculty Teaching the course:	MS. AMANPREET KAUR
Course coordinator:	— do —
Subject Experts available in university:	— do —, Dr. Nitin Malik

For online courses:

The online-portal:	
Course offered by (School, University):	
Faculty Teaching the course (if available):	
Faculty Coordinator at NCU:	

11. **Brief Syllabus** (as printed in the Courses of study)
Write one paragraph stating the course content in brief (including brief description of tutorial and practical, as applicable)

Introduction to Evolutionary Computation, Search Operators, Mutation for real-valued representations, Selection Schemes, Search Operators and Representations, Evolutionary Combinatorial Optimization, Niching and Speciation, Constraint Handling, Genetic Programming & software simulation, current applications of GA, Case studies and analysis of Real time Situations.

Total Lecture, Tutorial and Practical Hours for this course (Take 14 teaching weeks per semester)

Lectures: 4   Tutorials: 0   Practicals: 6

12. Course Outcomes (COs)

Possible usefulness of this course after its completion i.e. how this course will be practically useful to him once it is completed

CO 1	Understand the various steps to implement genetic algorithm for a given problem.
CO 2	Calculate the crossover probability and mutation probability in GA.
CO 3	Plan and design a genetic algorithm for a travelling salesman problem.
CO 4	Solve problems using GA.
CO 5	
CO 6	
CO 7	
CO 8	

13. UNIT WISE DETAILS   No. of Units : 7

Unit Number: 1   Title: Introduction to Evolutionary Computation

Content Summary: Biological and artificial evolution, EC and AI, Different historical branches of EC. e.g. GA's, EP, ES, GP etc, a simple evolutionary algorithm.

Outcomes Covered: (e.g., CO 1, CO 3, CO 4 etc): CO1 & CO2

Unit Number: 2   Title: Search Operators

Content Summary: Recombination / Crossover for stings, one point, multi-point, uniform crossover, mutation eg. bit-flipping, crossover & mutation rates, recombination for real-value representations

Outcomes Covered: CO1 and CO4

Unit Number: 3   Title: Selection Schemes

Content Summary: Fitness proportional selection, fitness scaling, ranking, linear, power, exponential & other ranking methods, tournament selection, selection pressure & its impact on ES.

Outcomes Covered: CO2

Unit Number: 4   Title: Search Operators & Representations

Content Summary: Mixing different search operators, an anomaly of self-adaptive mutations, the importance of representations eg. binary V/s Gray coding, adaptive representations.

Outcomes Covered: CO2 & CO3

Unit Number: 5   Title: Evolutionary Combinatorial Optimisation, Niching and speciation.

Content Summary: Evolutionary algorithms for TSPs, hybrid evolutionary and local search algorithms, fitness sharing, Crowding & mating restriction.

Outcomes Covered: CO3

Unit Number: 6   Title: Constraint Handling

Content Summary: Penalty methods, repair methods etc. Constraint handling analysis.

Outcomes Covered: CO4

Unit Number: 7   Title: Genetic programming & Software Simulation

Content Summary: Major Steps in GA, functional & terminal sts, initialisation, crossover, mutation, fitness evaluations, current applications, Simulation Software, Case studies & analysis in Real Time Situations.

Outcomes Covered: CO4

14. Title of Lab. manual, if applicable: -NA-

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15. Brief Description of Self-learning somponent by students (through books/resource material etc.):			
Hybrid Systems , GA in fuzzy logic controller design , Project			

16. Lecture Outline			
Lecture No.	Topic	Unit No.	Date delivered on
1.	Introduction to GA and its	1	9-01-18
2.	industrial treonds & its vaious	1	16-01-18
3.	applications. [Videos and	1	13-01-18
4.	animated ppts showcasing	1	23-0-18
5.	the applicability]	1	30-01-18
6.	Biological and artificial evol.	1	03-02-18
7.	Evolutionary computation & AI	1	—
8.	Different historical branches of EC	1	—
9.	GA's , EP, ES , GP etc. , Simple algo	1	—
10.	Recombination /Crossover for strings	2	06-02-18
11.	one-point & multi-point, uniform	2	09-02-18
12.	crossover operators, Mutation operations	2	20/02/18
13.	eg. bit flipping, recombination rate,	2	24/02/18
14.	mutation rates, real-valued representations	2	—
15.	Selection schemes, fitness scaling	3	27/02/18
16.	Ranking, tournament selection,	3	06/03/18
17.	its impact & applications	3	12-03-18
18.	Mixing different search	4	20-03-18
19.	operators, importance of represent.	4	24-03-18
20.	binary v/s Gray coding,	4	28-03-18
21.	adaptive representations	4	—

22.	Evolutionary algos for TSP's,	5	31/03/2018
23.	hybrid evolutionary, Local Search	5	03/04/2018
24.	Algos, fitness sharing. Crowding +	5	07/04/2018
25.	mating restrictions	5	—
26.	Penalty methods, repair methods etc.	6	10/04/2018
27.	Constraint handling, analysis	6	14/04/2018
28.	GA programming, Simulations,	7	17/04/2018
29.	Case studies & real time	7	24/04/2018
30.	applications.	7	—
31.	Fuzzy logic, hybrid systems.	7	28/04/2018
32.	Neuro fuzzy, Neuro genetic etc.	7	01/05/2018
33.	Guest Lecture context based	Guest Lecture 211 Room.	— 25ᵗʰ April 2018. 2:30 – 4:00 pm.
34.	learning by Dr. Saroj Kaushik.		
35.	from head CSE, IIT Delhi.		
36.			
37.	Mini projects by students in		
38.	the labs.		
39.			
40.			
41.			
42.			
43.			
44.			
45.			

Calculation of CO's Attainment of Minor Examination

S. No.	Roll. No.	Name of Student	CO1(19)	CO2(11)	Total (30)
		MINOR EXAM. -CO1,CO2- Attainment Analysis			
1	14ECU001	AABHAS GUGNANI	14	9	23
2	14ECU004	AAKASH TOMAR	11	6	17
3	14ECU009	ADITI AGGARWAL	13	8	21
4	14ECU012	ANUSHKA CHHIBBER	9	1	10
5	14ECU014	AMAN AHLAWAT	13	9	22
6	14ECU015	AMAN SHARMA	9	5	14
7	14ECU018	ANKITA MEHAR	13	7	20
8	14ECU020	ANUJ KUMAR	19	10	29
9	14ECU021	ARPIT KHANNA	13	7	20
10	14ECU022	APRA KHANNA	10	7	17
11	14ECU023	ARUN CHAUHAN	5	5	10
12	14ECU024	ARVIND SAIN	16	7	23
13	14ECU026	ASMITA VERMA	19	8	27
14	14ECU027	CHETAN TEHLAN	16	7	23
15	14ECU035	HARSHIT KUMAR	14	6	20
16	14ECU045	MALIKA SACHDEVA	10	6	16
17	14ECU046	MANIK HANDA	14	6	20
18	14ECU047	MAYANK ARORA	15	7	22
19	14ECU049	NARESH KUMAR	15	7	22
20	14ECU051	NITIN	15	6	21
21	14ECU055	PIYUSH ADLAKHA	17	8	25
22	14ECU062	PUJA GUPTA	17	8	25
23	14ECU064	RAHUL YADAV	10	7	17
24	14ECU070	RISHIKA JAIN	19	11	30
25	14ECU072	ROWAN BRITTO	12	7	19
26	14ECU074	SAHIL GUPTA	12	6	18
27	14ECU075	SAHIL SINGAL	17	7	24
28	14ECU076	SAKSHI JAWARANI	17	7	24
29	14ECU077	SALONI AGRAWAL	12	6	18
30	14ECU082	SHLOK SHARMA	2	7	9
31	14ECU083	SHREEYAK JAIN	19	8	27
32	14ECU086	SHUBHAM PANT	5	5	10
33	14ECU087	SHUBHAM SEHGAL	17	7	24
34	14ECU089	SIDHANT PANDEY	12	5	17
35	14ECU091	SONAKSHI KASHKARI	17	7	24
36	14ECU109	YOGENDRA SINGH	7	7	14
37	14ECU115	AKSHAT MATHUR	14	6	20
38	13ECU123	SHUBHAM SHARMA	13	6	19
39	16CSU223	NAMAN JINDAL	14	8	22
40	16CSU227	NIKHIL KUSHWAHA	11	7	18
41	16CSU239	PARTH MISHRA	8	6	14
42	16CSU277	RAHUL	10	7	17
43	16CSU330	SARTHAK SHARMA	6	7	13
44	16CSU359	SIDDHARTH ARORA	13	7	20
45	16CSU361	SIDDHARTH YADAV	15	8	23
46	16CSU385	TANAY AGARWAL	0	0	0
47	16CSU401	UTSAV MANGLA	7	6	13
48	16CSU402	VAIBHAV DANGRA	18	9	27
49	16CSU403	VAIBHAV YADAV	13	7	20
50	16CSU406	VARDAN KAUSHIK	13	7	20
51	16CSU407	VARUN DANG	17	8	25
52	16CSU409	VARUN YADAV	18	9	27
53	16CSU417	VIKRAMADITYA SINGH RATHORE	8	6	14
54	16CSU420	VIREN VOHRA	8	6	14
55	16CSU422	VISHAL SHARAI	14	7	21
56	16CSU427	VIVEK CHOUDHARY	15	8	23
57	16CSU433	YATHARTH THAKUR	6	6	12
58	16CSU435	YOGESH KATARIA	18	9	27
59	16CSU439	Dhruv Meena	0	3	3

Target is	60%	60%
Co's Attainment	66.10%	64.40%

CO's Attainment of Minor Examination

	Minimum Target	Attainment
CO1	60%.	66·10%.
CO2	60%.	64·40%.
CO3		
CO4		
CO5		
CO6		
CO7		
CO8		

Follow-Up on CO's Attainment after Minor

S.N.	Roll No.	Weakly Attained COs	Remedial Action Taken	Faculty Remarks on Performance
			Weaker Students' Details	
1.	14ECV082	CO1 & 2	Given extra counselling	Encouraged
2.	14ECV012		and motivated them	& performance
3.	14ECV023		to perform better.	is improved.
4.	14ECV086			
5.	16CSV385			
6.	16CSV439			
7.				
8.				
9.				
10.				

S.N.	Roll. No.	Motivation
		Toppers Details
1.	14ECV020	Motivated them to study case studies &
2.	14ECV055	research papers on how to optimize the
3.	14ECV062	problems using GA and other methods
4.	14ECV083	Mini Projects based on different techniques
5.	14ECV070	and different programming languages
6.	16CSV402	like MATLAB, python, C has been explored.
7.	16CSV409	

Result – Bell Curve

PROGRAMME: B.Tech SEM.:IV(CSE)& VIII(ECE) BRANCH: CSE & ECE
COURSE CODE: ECL 422 / ECL 430
COURSE NAME: Genetic Algorithm
NATURE OF COURSE:Open & Programme Elective
COURSE COORDINATOR: Ms.Amanpreet Kaur

Grade	D	C	C+	B	B+	A	A+
%	0%	12%	17%	24%	24%	14%	5%
Letter	D	C	C+	B	B+	A	A+
TO	47	58	65	74	78	84	94
TO	41	48	60	67	74	79	87

Grades

Frequency (No. of Students)
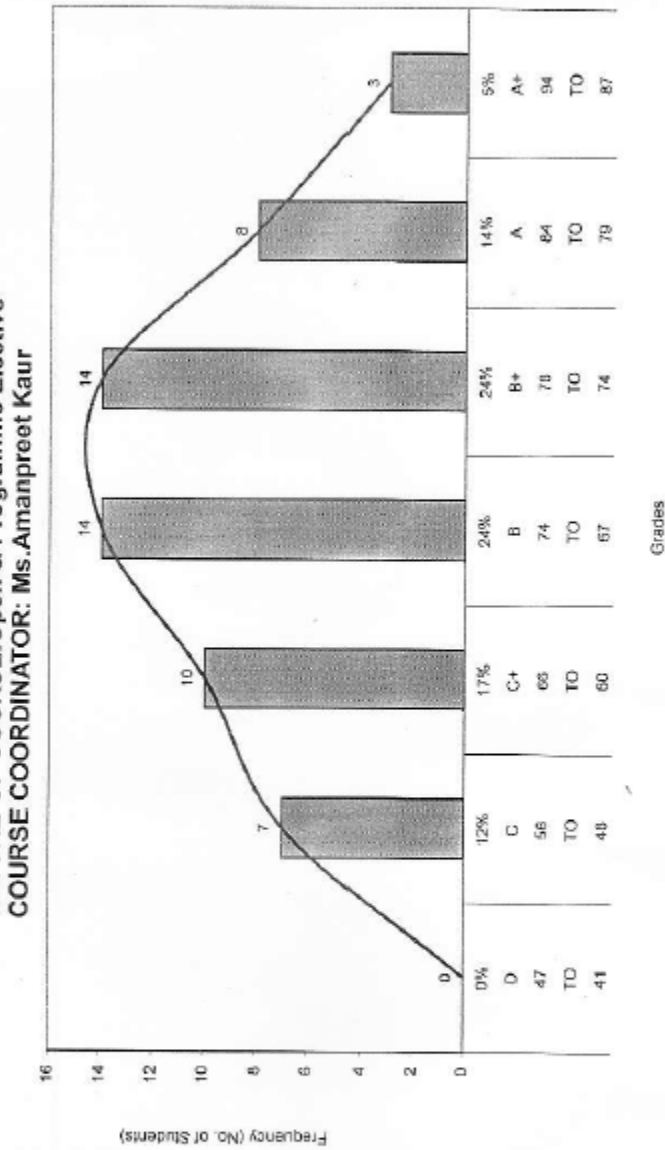
Total Strength:-	59		%
Class Average:-	70.15		
	A+	3	5.17%
	A	8	13.79%
	B+	14	24.14%
	B	14	24.14%
	C+	10	17.24%
	C	7	12.07%
	D	0	0.00%
	F	2	3.45%
Detained:-		1	1.69%
Total Re-appear Students		0	
Re-appear Passed		0	0.00%

	Faculty/Student	Deptt.	Title & Research Area	Duration (Years)	Name of the funding Agency	Total Grant Sanctioned (Lakhs - ₹)	Amt received during the year (₹)
SPONSORED PROJECTS July 2017 - June 2018							
Major Projects	Ms Vaishali Sahu	CE	Experimental and Numerical Study of Single Pile Capacity Adjacent to Existing Buried Pile System	21.11.2015-21.11.2018	DST (WOS-A)	25.41	6.17
	Ms. Rita Chhikara	CSE	Neural network based steganalysis	10.08.2015-10.08.2018	DST (WOS-A)	20.51	5.00
	Dr Phool Singh (PI)(APS) Jyotsna Singh (FT PhD Student) (CSE)	APS	A computational model for STN (sub thalamic nucleus) in Parkinson Disease to investigate the discharge patterns	06.08.2015-06.08.2018	DST (CSRI)	19.31	3.50
	Dr Deepika Chaoudhary (PI) Mentor: Dr. Hukum Singh	APS	Study of optical and electrical properties of nanostructured glasses for application in optical recording media	30.05.2015-30.05.2018	DST (WOS-A)	30.03	7.00
	Ms Geetika Munjal Mentor: Latika singh	CSE	Phylogenetic Model for cancer classification	29.08.2016-29.08.2019	DST (WOS-A)	18.90	0.00
	Ms Chetna Tyagi (PI), Dr Ambika Sharma	APS	Study of Polymer nanocomposites for solar cell applications	15.06.2016-15.06.2019	DST (WOS-A)	24.30	0.00
	Dr Aditya Sharma	APS	Lateral Flow Assay Strip Sensor Development for Non-Invasive Point of Care Diagnosis of Urinary Tract Infection	27.07.2016-27.07.2019	DST (SERB) Young Scientist	42.02	5.00
	Dr Akansha Singh (PI), Dr Latika Singh, Ms. Sumanlata Gautam	CSE	Emotion recognition system for autistic children	20.05.2016-20.05.2019	DST (CSRI)	18.27	₹ 0.00
	Ms Pooja Sabherwal	ECE	Delineation of QRS complex for feature extraction of Myocardial Infarction in single lead ECG signal	19.09.2016-19.09.2019	DST (WOS-A)	18.15	0.00

	Dr Dipti Vaya (PI) and Dr Tejpal Singh Chundawat	APS	Development of Polyurethane coating for blast mitigation.	18 Monthss (after extension : 23 Months) 21.04.2015-21.03.2017 last fund received on 14.07.2017	DRDO	9.99	0.69
Minor Projects	-	-	-	-	-	-	-
Interdisciplinary Projects	Dr. Charu Rana And Team (Dr. Manjree Gopaliya, Vibhor Mittal (ECE), Tanyam (ME) and Mohit(ME)	ECE	Automatic Billing system for retail store	28 July,2017	Delta Electronics for Delta Cup	Arnd. 50 K	Around 50 K
	Ms.Prerna Singal and Team Shubhashree Dash(CSE),Vaibhav Rajput(CSE), Yash Yadav(CSE), Abhishant(ME), Anik(ME)	CSE	Smart Organic Rooftop Farming	July 2017-June2018	Funded by University	15,000	15,000
Industry sponsored Projects	-	-	-	-	-	-	-
Projects sponsored by the univeristy	Dr. Rohit Singh Lather, Dr. Pramod Bhatia, and Mr. Darpan Dahiya	ME	Efficiency and Performance Improvement of the LPG Cooking Stove	Sep17-Sep18	VC Innovation Fund	1.75	1.75
	Mr. Sandeep Singh, Dr. Yogita Gigras, and Mr. Deepak Satyarthi	CSE	Remote monitoring and protection of UPS locations across The NorthCap University campus	Oct17-June18 (9 month)	VC Innovation Fund	0.50	50.00
	Ms. Amanpreet Kaur, Mr. Pankaj Rakheja, Ms. Rupal Kapoor, and Mr. Shailesh Kumar	ECE	Design and Development of low power WSN Mote	Oct17-Oct18	VC Innovation Fund	3.00	3.00
	Akhil Sharma, Abhishek Chauhan (under: Dr. Latika singh and Mr. Vijany Solanki(Aeris)	CSE	Smart office automation using IOT	July 2017-June2018	VC Innovation Fund	0.30	0.30

	Dr. Rohit singh lather and Mrs. Suman Bhatia Students: Akash Lal, Palash Sharma Pravenu Mehta Nipun Kalra	ME (Interd iscipli nary Projec ts)	Vehicle Security sytem with integrated accident alert system and fire protection	December 2017 - July 2018	VC Innovation Fund	0.55	0.55
	Jatin Singh Bhati, Jogender Singh Yadav, Vishesh Tandon	CSE	Venue Booking System	July 2017-June2018	NCU	33,060	33,060
Studetns Research Projects (other than compulsory by the University)	-	-	-	-	-	-	-
Internation al Projects	-	-	-	-	-	-	-
Any other (Specify)	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

Ph.D. Degree Awarded/ VIVA Conducted of all schools

Sr. No.	Name of the Superviso(s)	Name of the Scholar	Roll No.	Date of Registration	Deptt.	Date of Submission Synopsis	Date of Submission Thesis	Date of Viva	
1	Dr. Anil Kumar Misra	Anju Bala	10CVD001	16/8/2010	Civil	18/2/2016	20/12/2016	7/10/2017	2017
2	Dr. Latika Singh	Rita Rana	11CSD007	5/1/2012	CSE	5/10/2016	10/4/2017	8/8/2017	
3	Prof. Prem Vrat	Sunaina Sangwan	12MSD008	19/7/2012	SOM	20/9/2016	22/5/2017	8/16/2017	
4	Prof. Gaurav Gupta	Shaveta Arora	11CSD001	27/7/2011	CSE	23/12/2016	4/4/2017	8/26/2017	
5	Prof. D.R. Agarwal	Archana Mehra	13MSD001	30/4/2013	SOM	30/1/2017	11/5/2017	9/14/2017	
6	Dr. Amit Srivastava	Geetha Verma	11CVD001	29/7/2011	Civil	5/9/2016	6/6/2017	11/6/2017	
7	Dr. Sangeet Srivastava	Aman Jatain	11CSD011	20/5/2012	CSE	21/2/2017	15/6/2017	11/6/2017	
8	Dr. B.K. Das, Dr. S.K. Jain	Vandana Khanna	11ECD001	17/01/2012	EECE	23/12/2016	14/6/2017	11/7/2017	
9	Dr. Phool Singh	Vikas Poply	11ASD004	11/4/2012	APS	5/6/2017	11/6/2017	12/2/2017	
10	Dr. Phool Singh	Jyotsna Singh	11CSD005	11/1/2012	CSE	30/8/2017	25/9/2017	12/8/2017	
11	Dr. Sangeet Srivastava	Luxmi Verma	10CSD002	16/8/2010	CSE	28/4/2017	11/6/2017	1/12/2018	2018
12	Dr. Latika	Sumanlata Gautam	11ITD001	29/7/2011	CSE-IT	6/12/2017	23/12/2017	3/31/2018	
13	Prof. Prem Vrat	Lalit Upadhayay	11MED003	25/4/2012	ME	26/4/2017	12/12/2017	4/13/2018	
14	Dr. Sangeet Srivastava Dr. Deepti Gaur	Geetika	11CSD004	7/12/2011	CSE	23/12/2016	12/6/2017	5/9/2018	

Journals (July 2017 to June 2018)

Sr. No.	Name of Authors in the sequence as mentioned in Journal (* for corresponding author)	Deptt.	Title of Paper	Journal	Interl./ Nat.	Year	Volume	No./ Issue	Page no.	Impact Factor
1	Antariksh Anand*, **Yogita Gigras** and **Anuradha Dhull**	CSE	WIFI Aided Indoor Navigation Versatile Robot	CiiT-International Journal of Artificial Intelligent Systems and Machine Learning	Interl.	2017	9	5	93-97	--
2	**Sandeep Singh***, **Prabha Sharma** and **Phool Singh**	CSE, APS	Stability of Tumor Growth Under Immunotherapy: A Computational Study	Biophysical Reviews and Letters	Interl.	2017	12	2	1-17	--
3	Shruti Gupta* and **Jyotsna Singh**	CSE	Effect of Applied Current on Sub-Thalamic neuron	CSI(Computer Society of India) Transaction on ICT(Information and Communication Technology)	Interl.	2016	4	2	183–185	--
4	**Sumanlata Gautam*** and **Latika Singh**	CSE	Development of Spectro-Temporal Features of Speech in Children	International Journal of Speech Technology	Interl.	2017	NA	NA	543–551	0.935
5	**Jyotsna Singh***, **Phool Singh** and Vikas Malik	CSE, APS	Sensitivity Analysis of Discharge Patterns of Subthalamic Nucleus in the Model of Basal Ganglia in Parkinson Disease	Journal of Integrative Neuroscience	Interl.	2017	Preprint	Preprint	441-452	0.647
6	**Suman Bhatia***, **Phool Singh** and **Prabha Sharma**	CSE	Hodgkin-Huxley Model Based on Ionic Transport in Axoplasmic Fluid	Journal of Integrative Neuroscience	Interl.	2017	Preprint	Preprint	401-417	0.647
7	Aashna Vijay* and **Geetika Munjal**	CSE	Statistical Techiniques for Breast Cancer Classification: A Review	International Journal of IT-Based Health Management	Interl.	2017	3	2	17-22	--
8	**Amanpreet Kaur** and Komal Narang*	EECE	An Adaptive Wavelet and Level Dependent Thresholding Using Median filter for Medical Image Compression	International Journal and Magazine of Engineering Technology Management and Research	Interl.	2017	4	5	406-412	--
9	Shubham Dawra*, Tushar Khatri, **Charu Rana** and **Pankaj Rakheja**	EECE	Design and Simulation of I2C Master Core	International Journal of Advanced Engineering Research and Applications	Interl.	2017	3	2	82-85	--
10	Srishty Chauhan* , Tanmay Madan , Vishruta Makhija , **Pankaj Rakheja** and **Charu Rana**	EECE	Simulation of Communication Network Using Cisco Packet Tracer	International Journal of Advanced Engineering Research and Applications	Interl.	2017	3	2	62-66	--
11	Deepti Jangra* and **Amanpreet Kaur**	EECE	Analysis of Channel Capacity for Heterogeneous Network based on Femto Cells using Path Loss Models	International Journal of Advanced Engineering Research and Applications	Interl.	2017	3	2	67-75	--

12	**Anmol Bhatia***, Gagan Vijay Singh, Anmol Madaan and Akansha Bhatia	ME	An Experimental Study to Achieve Minimum Surface Roughness While Machining P20 Tool Steel Using Wire EDM	International Journal of Advance Research and Innovation	Interl.	2017	5	2	243--246	--
13	**Ruchi Nayyar**	SOM	Effective Social Media Strategies for Academic Institutions	Indian Journal of Computer Science	Nat.	2017	2	3	7-15	--
14	Anju Bala*, Prakashkiran S Pawar, **Anil Kumar Misra**and Kishan Singh Rawat	CEE	Estimation and validation of Actual Evapotranspiration for Wheat Crop using SEBAL Model over Hisar District (Haryana), India	Current Science	Interl.	2017	113	1	134-141	0.967
15	**Vaishali Sahu,** Amit Srivastava, **Anil Kumar Misra*** and Anil Kumar Sharma	CEE	Synthesis and characterization of green composites: Focus on accelerated strength, ductility and durability	Indoor and Built Environment	Interl.	2017	--	--	1-15	1.181
16	**Deepika* and Hukum Singh**	APS	Optical Investigation of Vaccum Evaporated Se80-xTe20Sbx(x=0, 6, 12) Amorphous Thin Films	Infrared Physics and Technology	Interl.	2017	85	--	39-43	1.713
17	**Balwinder Singh**	SOL	Changing Dimensions of the Concept of Marriage - A Contemporary Challenge to Personal Laws in India	International Journal of Advanced Research	Interl.	2017	5	7	2039-2045	6.896
18	Prabhata K. Swamee, **Anil Kumar Misra***, Rohith P. Poyil, **Lokesh Choudhary**, Amandeep Kaur and Sudheer chintalapati	CEE	A Linear and Nonlinear Approach for Interpretation of Groundwater Quality Based on Water Quality Index	Environment, Development and Sustainability	Interl.	2017	online published	online published	online published	0.418
19	**Anil Kumar Misra*, Megha Kalra and Shubham bansal**	CEE	Influence of Polymer Treatment on Strength and Water Absorption Capacity of Recycled Aggregate Concrete	International Journal of Sustainable Building Technology and Urban Development	Interl.	2017	8	1	1-12	--
20	Alisha Rohilla*, **Mehak Khurana** and Latika Singh	CSE	Location Privacy Using Homomorphic Encryption Over Cloud	International Journal Computer Network and Information Security	Interl.	2017	8	8	32-40	--
21	**Mehak Khurana*** and **Hukum Singh**	CSE	An Asymmetric Image Encryption Based on Phase Truncated Hybrid Transform	3D Research	Interl.	2017	8	28	1-017	0.89
22	Pardeep Rohilla*, Vineet Kumar and **Feras Al Hakkak**	ME	Fuzzy I+PD Controller for Stiction Compensation in Pneumatic Control Valve	International Journal of Applied Engineering Research	Interl.	2017	12	13	3566-3575	--
23	**Prem Vrat**	SOM	India as a Global Destination for Higher Education: Opportunities and Challenges	Science and Culture	Interl.	2017	83	7-8	203-209	--

#	Authors	Dept	Title	Journal	Type	Year	Vol	Issue	Pages	IF
24	Nutan Sharma, Sunita Bhagat* and **Tejpal Singh Chundawat**	APS	Recent Advances in Development of GPR40 Modulators (FFA1/FFAR1): An Emerging Target for Type 2 Diabetes	MINI-Reviews in Medicinal chemistry	Interl.	2017	17	11	947-958	2.66
25	**Shubham Bansal, Anil Kumar Misra* and Purnima Bajpai**	CEE	Evaluation of modified bituminous concrete mix developed using rubber and plastic waste materials	International Journal of Sustainable Built Environment	Interl.	2017	--	--	1-7	0.451
26	**Ravindra Ojha*** and **Prem Vrat**	ME	Integrated impact of highway infrastructure, labour productivity and circular material consumption on Indian manufacturing growth A system dynamics perspective	Journal of Advances in Management Research	Interl.	2017	14	4	527--542	--
27	Navneet Kumar, **Manoj Kumar Gopaliya** and Dev Raj Kaushal*	ME	Experimental Investigations and CFD Modeling for Flow of Highly Concentrated Iron Ore Slurry through Horizontal Pipeline	Particulate Science and Technology	Interl.	2017	--	--	--	0.784
28	**Prem Vrat**	SOM	Sustainable Urban Transformation for Quality of Life: Challenges and Opportunities	Rites Journal	Nat.	2017	19	2	8.1-8.12	--
29	**Pallavi Bajpai**	SOL	Evolution of International Commercial Arbitration in India Post Amendments to Arbitration and Conciliation Act 1996	International Journal of Advanced Research	Interl.	2017	5	10	1404-1410	6.896
30	Sonali Sharma*, **Shilpa Mahajan**	CSE	Design and Implementation of a Security Scheme for Detecting System Vulnerabilities	International Journal of Computer Network and Information Security	Interl.	2017	9	10	24-32	--
31	**Anuj Kumar Jain***, Vikas Rastogi, Atul Kumar Agrawal	ME	A novel approach to study effec ts of asymmetric stiffness on parametric instabilities of multi-rotor-system	Journal of Sound and Vibration	Interl.	2017	413	--	159-172	2.618
32	**Hukum Singh**	APS	Nonlinear Optical Double Image Encryption Using Random-Optical Vortex In Fractional Hartley Transform Domain	Optica Applicata	Interl.	2017	47	4	557-578	0.641
33	**Ravindra Ojha*** and Prem Vrat	ME	Prioritising Factors for Manufacturing Growth in India: An Analytic Network Process Approach	International Journal of Industrial and Systems Engineering	Interl.	2017	28	1	32--52	--
34	**Anuj Kumar Jain*, Feras Hakkak,** Mudit Gupta and Siddharth Jain	ME	Design and Fabrication of Bamboo Bicycle	International Journal of Advance Research and Innovation	Interl.	2017	5	3	347--348	--

#	Authors	Dept	Title	Journal	Type	Year	Vol	Issue	Pages	IF
35	Karishma Chaudhary, **K. Mathiyazhagan*** and **Prem Vrat**	ME	Analysis of Barriers Hindering the Implementation of Reverse Supply Chain of Electronic Waste in India	International Journal of Advanced Operations Management	Interl.	2017	9	3	143--168	--
36	**Karishma Chaudhary*** and **Prem Vrat**	SOM	Analysis of Long Term Impact of the End of Life Solar Panel As E-Waste in India	Industrial Engineering Journal	Nat.	2017	10	10	5-14	--
37	Deepa Sinha* and **Anshu Sethi**	APS	An Algorithmic Characterization of Splitting Signed Graph	Electronic Notes in Discrete Mathematics	Nat.	2017	63	--	323-332	0.269
38	**Deepika *** and **Hukum Singh**	APS	Study Of Size Distribution In Nanostructured Se58Ge39Pb3 Glass Using Various Characterization Methods	Mapan - Journal of Metrology Society of India	Interl.	2017	--	--	1-4	0.611
39	Ritu Goyal* and **Mehak Khurana**	CSE	New Design of Tiny-Block Hybridization in AES	International Journal of Computer Network and Information Security	Interl.	2017	9	9	46-53	0.726
40	Ritu Goyal* and **Mehak Khurana**	CSE	Cryptographic Security using Various Encryption and Decryption Method	International Journal of Mathematical Sciences and Computing	Interl.	2017	3	3	1 to 11	--
41	Ritu Chaudhary* and **Mehak Khurana**	CSE	Exploitation of PDF Reader Vulnerabilities using Metasploit Tool	International Journal of Education and Management Engineering	Interl.	2017	7	5	23-34	--
42	Himanshu Khanna ,**Mona Aggarwal*** and **Swaran Ahuja**	EECE	Optimum Distance and Power allocation Strategies for Quantum-limited Inter-Relayed FSO Communication System	AEU - International Journal of Electronics and Communications	Interl.	2017	80	--	10-18	1.147
43	Himanshu khanna, **Mona Aggarwal*** and **Swaran Ahuja**	EECE	Performance analysis of a variable-gain amplify-and-forward relayed mixed RF-FSO system	International Journal of Communication Systems	Interl.	2017	--	--	--	1.066
44	**Abhishek Pratap Singh*, Pramod Bhatia** and KK Chaudhary	ME	3-Dimensional Numerical Simulation of Pollution Dispersion in an Urban Street Canyon	International Journal of Advance Research and Innovation	Interl.	2017	5	3	358--360	--
45	Vaibhav Mishra and **Tejpal Singh Chundawat***	APS	Pd Catalyzed N1/N4 Arylation of Piperazine for Synthesis of Drugs, Biological and Pharmaceutical Targets: An Overview of Buchwald Hartwig Amination Reaction of Piperazine in Drug Synthesis	Current Organic Synthesis	Interl.	2018	15	--	1-13	1.917
46	Prateek Kalra*, Rishab Bhardwaj, Shikha Kashyap **Ravindra Ojha**	ME	High Pressure Die-Casting Process Rejection Reduction Using Lean Six-Sigma Approach: A Case Study	Industrial Engineering Journal	Nat.	2018	11	1	17-24	--

47	Neeta Sharma* and **Prem Vrat**	ME	Impact of various factors on stock-induced food waste in Indian weddings A system dynamics approach	Journal of Advances in Management Research	Interl.	2018	15	1	37-57	--
48	**Deepika*, Hukum Singh,** Kuldeep Singh Rathore and Narendra Sahay Saxena	APS	Study Of Electrical And Optical Properties Of $Ge_{27}Se_{58}Pb_{15}$ Chalcogenide Glass	Journal of Asian Ceramic Socities	Interl.	2018	--	--	1-7	--
49	Poonam Lata Yadav* and **Hukum Singh**	APS	Image Encryption Using Structured Phase Mask In Fractional Fourier Domain	International Journal of Advance Research in Science and Engineering	Interl.	2018	1	7	58-72	--
50	Luxmi Verma, **Sangeet Srivastava*** and Prakash Chandra Negi	APS	An Intelligent Noninvasive Model For Coronary Artery Disease Detection	Complex & Intelligent Systems	Interl.	2018	4	1	11-18	--
51	Manoj Kumar* and **Sangeet Srivastava**	APS	Image Forgery Detection Based On Physics And Pixels: A Study	Australian Journal of Forensic Sciences	Interl.	2017	Nil	Nil	1-16	--
52	Manoj Kumar*, **Sangeet Srivastava** and Nafees Uddin	APS	Forgery Detection Using Multiple Light Sources For Synthetic Images	Australian Journal of Forensic Sciences	Interl.	2017	Nil	Nil	1-8	--
53	**Pranati Purohit*,** Yudhisther Kumar Yadav and Selvanayagam Seela Kumar Titus	APS	Low Force Measurement Based on Impedance of a Piezo-Resonator	MAPAN - Journal of Metrology Society of India	Interl.	2017	32	1		0.70
54	**Pranati Purohit***, Yudhisther Kumar Yadav, **Sushil Kumar Jain**	APS	A Study Of Determination Of Dynamic Viscosity In Liquids Using Radial Mode Piezo-Resonator	Ferroelectrics	Interl.	2017	519	Nil	236-240	0.551
55	Ruchi Gupta and Anil Kumar Misra*	CEE	Drinking water quality problem in Haryana, India: prediction of human health risks, economic burden and assessment of possible intervention options	Environment, Development and Sustainability	Interl.	2018	NA	NA	NA	0.418
56	**Ravindra Ojha*** and **Prem Vrat**	ME	Circular material resource consumption for sustainability of manufacturing growth: a System Dynamics analysis	International Journal of Manufacturing Technology and Management	Interl.	2018	--	--	--	-
57	**Subhradipta Sarkar**	SOL	Book review of "Legal Confidential: Adventure of An Indian Lawyer"	CPJ Law Journal	Nat.	2017	7	--	42-45	--
58	Poonam Lata Yadav* and **Hukum Singh**	APS	An Asymmetric Image Encryption Based On Fresnel Transform Using Spiral Phase Mask And Hybrid Mask	International Journal of Advance Research in Science and Engineering	Interl.	2018	7	3	424-432	2.83
59	Vijayveer Singh* and **Praveen Kumar Lohchab**	SOL	HSIIDC Vs. Mawasi & Ors. - Case Analysis	Society and Politics (VLMS journals)	Nat.	2017	7	1	98-103	--
60	Vijayveer Singh* and **Praveen Kumar Lohchab**	SOL	Dimensions of 'Public Purpose' in Land Acquisition in India	International Journal of Interdisciplinary Studies and Research (VLMS journals)	Interl.	2017	4	1	115-124	--

61	**Balwinder Singh*** and Raj Kumar	SOL	Law Relating to Maintenance with Special Reference to Aged Parents: An Analysis	MDU Law Journal	Nat.	2017	19	--	89-100	--
62	**Navin Pal Singh**	SOL	Constitutionalism and Amendment: Understanding Indian Constitution	Himalayan Journal of Contemporary Research	Nat.	2017	6	2	1936-47	--
63	Shitika*, **Ruchi Nayyar,** Seema Sanghi and A. K. Vij	SOM	Spiritual Intelligence-An Exploration of Spiritual Dimensions	Asian Journal of Research in Social Sciences and Humanities	Nat.	2017	7	9	25-34	
64	Mani Bansal*, **Ruchi Nayyar** and Anil Kumar Vij	SOM	Empirical Analysis of 3D-WS in Indian Context	SIBM Pune Research Journal, Samvad	Nat.	2017	14	--	7-13	--
65	**Ruchi Nayyar**	SOM	Exploratory Study to Determine Perceptions of Globalization and Global Career	Indian Journal of Computer Science	Nat.	2018	3	1	--	--
66	Mani Bansal*, Anil Kumar Vij and **Ruchi Nayyar**	SOM	Modelling Effectiveness of Organisational Learning: an Interpretive Structural Modelling Technique	International Journal of Environmental Technology and Management	Interl.	2018	20	5	280-299	0.33
67	Poonam Kumari*and **Nirupma Gupta**	SOM	Does Demographics Influence Adoption of Information Technology Devices?-An Understanding of Rural Consumer Behaviour	Journal of Agricultural Extension Management	Nat.	2018	18	2	127-143	--
68	HImanshu Khanna*, **Mona Aggarwal** and **Swaran ahuja**	EECE	On the End-to-End Performance of a Mixed RF-FSO link with a Decode-and-Forward Relay	Journal of Optical Communication	Interl.	2017	n/a	--	n/a	0.24
69	Ram Sharma, A. Charan Kumari, **Mona Aggarwal*** and **Swaran Ahuja**	EECE	Optimal LED deployment for mobile indoor visible light communicationsystem: Performance analysis	AEU - International Journal of Electronics and Communications	Interl.	2017	83	--	427-432	1.147
70	Ram Sharma, A. Charan Kumari, **Mona Aggarwal*** and **Swaran Ahuja**	EECE	Hyperheuristic-based analysis and optimization of a mobile indoor visible light communication system	Emerging transactions on telecommunications	Interl.	2017	n/a	--	--	1.535
71	Anita Sharma*, **Mona Aggarwal**, **Swaran Ahuja** and Moin-Uddin	EECE	Performance analysis of DF-relayed cognitive underlay networks over EGK fading channels	AEU - International Journal of Electronics and Communications	Interl.	2017	83	--	533-540	1.147
72	Nidhi Raman*, **Amanpreet Kaur** and Rohit Batra	EECE	Performance Enhancement for Coexistence Adaptive Interference Draining using Rectangular Antenna's for MUE's	International Journal of Advanced Engineering Research and Applications	Interl.	2017	3	2	53-59	--
73	Sonu Dabass* and **Amanpreet Kaur**	EECE	Resource Allocation for Delay Minimization for Cognitive Radio using M-QAM, AWGN Model	International Journal of Advanced Engineering Research and Applications	Interl.	2017	3	3	95-105	--
74	Himanshu Singh and **Naresh Kumari***	EECE	Transformation of Indian Power Transmission System	International Journal of Advance Research and Innovation	Interl.	2017	5	3	338-340	--

75	Himanshu Khanna, **Mona Aggarwal*** and **Swaran Ahuja**	EECE	Statistical characteristics and performance evaluation of FSO links with misalignment fading influenced by correlated sways	AEU - International Journal of Electronics and Communications	Interl.	2018	85	--	118-125	1.147
76	R. Girija* and **Hukum Singh**	APS	A Cryptosystem Based On Deterministic Phase Masks And Fractional Fourier Transform Deploying Singular Value Decomposition	Optical and Quantum Electronics	Interl.	2018	50	210	1--24	1.055
77	R. Girija* and **Hukum Singh**	APS	Enhancing Security of Double Random Phase Encoding Based on Random S-Box	3D Research	Interl.	2018	9	15	1--20	--
78	**Aditya Sharma Ghrera***, Chandra Mouli Pandey and Bansi Dhar Malhotra	APS	Multiwalled Carbon Nanotube Modified Microfluidic-Based Biosensor Chip For Nucleic Acid Detection	Sensors and Actuators, B: Chemical	Interl.	2018	266	--	329-366	5.118
79	**Anuradha*** and Gaurav Gupta	CSE	An Intelligent Two Phase Fuzzy Decision Tree Based Clustering Model for Design of Computer Aided Detection/Diagnosis (CADe/CADx) System	MAPAN	Interl.	2018	33	1	63-75	0.611
80	Bhoomi Sharma, Abhimanyu, **Anuradha*** and **Yogita Gigras**	CSE	Logistic Regression for Breast Cancer Analysis	Data mining and knowledge engineering	Interl.	2017	9	6	109-113	NA
81	Srishti Sharma, **Yogita Gigras*, Rita Chhikara** and **Anuradha Dhull**	CSE	Analysis of NSL KDD Dataset using Classification Algorithms for Intrusion Detection System	Recent Patents on Engineering	Interl.	2018	12	2	NA	0.23
82	**Divya Jain*** and **Vijendra Singh**	CSE	Feature selection and classification systems for chronic disease prediction: A review	Egyptian Informatics Journal	Interl.	2018	--	--	--	0.42
83	**Hitesh Yadav*** and **A Charan kumari**	CSE	Analysis of Features using Feature Model in Software Product Line: A Case Study	International Journal of Education and Management Engineering	Interl.	2018	8	2	48-57	--
84	Ajay Bohtan, **Prem Vrat,** and **K Mathiyazhagan***	ME	Analyzing the Barriers for Implementing an Effective Supply Chain for the Public Distribution System In India: A Tism Approach	International Journal of Industrial Engineering: Theory, Applications and Practice	Interl.	2017	24	5	99-111	0.537
85	Somak Sengupta* and **Pramod Bhatia**	ME	Study of Applications of Jansen's Mechanism in Robot	International Journal of Advance Research and Innovation	Interl.	2017	5	3	354-357	--
86	Mayank Juneja, Nikhil Juneja and **Anmol Bhatia***	ME	Optimization of Machining Characteristics Using CNC Lathe: A Critical Review	International Journal of Advanced Engineering Research and Applications (IJA-ERA)	Interl.	2018	4	1	36-42	--
87	Harpreet Singh Sachar* and **Praveen Kumar Lohchab**	SOL	Concept of Corporate Liability: At a Glance with Global Development	International Journal of Advanced Research	Interl.	2018	6	2	1698-1702	6.8
88	**Subhradipta Sarkar**	SOL	Book review of "Trial by Fire" (Penguin Books) by Neelam & Shekhar Krishnamoorty	Amity Law Review	Nat.	2017	13	NA	145-148	--

89	**Archana Sarma**	SOL	Cyber Stalking and the Plight of Women in India - A Legal Perspective	RMLNLU Journal	Nat.	2017	9	NA	175-192	--
90	**Pallavi Bajpai*** and Mohit Vats	SOL	Separation of Power & Delegated Legislation: An Implicit Poise Created by Jedicial Detour	International Journal of Creative Research Thoughts	Interl.	2018	6	2	923-936	5.97
91	**Balwinder Singh*** and Rahul Yadav	SOL	Food Security and Public Distribution System: Response and Policy Initiative Against Hunger in India	CNLU Law Journal	Nat.	2017	7	--	80-95	--
92	**Praveen Kumar Lohchab*** and **Kanu Priya**	SOL	Victims of Global Climate Change: Catastrophe on Earth	MDU Law Journal	Nat.	2017	18	--	119-132	--
93	R.K. Nair* and **Kanu Priya**	SOL	IPR Concept used in Indigenous Medicine in India	Manupatra Intellectual Property Reports	Nat.	2017	3	1	F1-F9	--
94	Ritu Dhingra* and **Kanu Priya**	SOL	Role of Sustainable Forest Management and Green Energy in Combating Climate Change in Indian Context	Education Times (APH Publishing corporation, Delhi)	Nat.	2017	6	1	276-282	--
95	Ritu Dhingra* and **Kanu Priya**	SOL	Remote Sensing and Sustainable Forest Management	Education Times (APH Publishing corporation, Delhi)	Nat.	2017	6	1	283-293	--
96	R.K. Nair* and **Kanu Priya**	SOL	Basic Principles of Patent Specification Drafting in India	Manupatra Intellectual Property Reports	Nat.	2018	1	2	F7-F18	--
97	**Kanu Priya*** and Urvashi Bhardwaj	SOL	India after Bhopal gas tragedy and other legal systems	International Journal of Advanced Research and Development	Interl.	2018	3	2	1162-1169	5.24
98	**Deborisha Dutta**	SOL	Analysis of the Armed Forces Special Powers Act	Pragyaan: Journal of Law	Nat.	2017	7	1	9-14	--
99	Himanshu khanna, **Mona Aggarwal***and **Swaran ahuja**	EECE	Further results on the performance improvement in mixed RF-FSO systems using hybrid DF/AF (HDAF) relaying	Transactions on Emerging Telecommunications Technologies	Interl.	2018	--	--	--	1.606
100	Ram Sharma, A. Charan Kumari, **Mona Aggarwal*** and **Swaran Ahuja**	EECE	Improved RMS delay and optimal system design of LED based indoor mobile visible light communication system	Physical Communication	Interl.	2018	28	--	89-96	1.583
101	**Vandana Khanna*** and Bijoy Kishore Das	EECE	A Method to Model the Maximum Power Output of Photovoltaic Modules Using Statistical Analysis and Matlab-Simulink Simulation	International Journal of Engineering Research and Technology	Interl.	2018	7	5	349-358	--
102	**Pooja Sabherwal***, Monika Agrawal and **Latika Singh**	EECE	Aiding the Detection of QRS Complex in ECG Signals by Detecting S Peaks Independently	Cardiovascular Engineering and Technology	Interl.	2018	--	--	1-13	1,064

103	Ashima Arora* and **Neeraj Kr. Shukla**	EECE	An Efficient and Congestion Aware Fuzzy based Output selection strategy for on-chip routers	International Journal of Information system Modeling and Design	Interl.	2017	8	2	57-69	--
104	Rakhi Nangia*, **Neeraj Kr. Shukla** and **Ambika Sharma**	EECE	Frequency and Temperature Dependent Impedance Spectroscopy of PVA/PEG Polymer Blend Film	High Performance Polymers	Interl.	2018	--	--	1-9	1.179
105	Shubham Mishra, Saurabh Takkar, Tripti Garg,**Amanpreet Kaur, Pankaj Rakheja*** and **Charu Rana**	EECE	Arduino based Gestures to Speech Conversion System	International Journal of Advance Research and Innovation (IJARI)	Interl.	2018	6	1	19-21	--
106	Apra Khanna, Arun Chauhan, Shreeyak Jain**, Pankaj Rakheja*** and **Amanpreet Kaur**	EECE	Autonomous Surveillance Robot With Real Time Transmission	International Journal of Advanced Engineering Research and Applications (IJA-ERA)	Interl.	2018	4	1	4-8	--
107	Mahak Chugh, Diparuna Sarkar, **Pankaj Rakheja***, **Amanpreet Kaur** and **Charu Rana**	EECE	Smart Container using IOT	International Journal of Advanced Engineering Research and Applications (IJA-ERA)	Interl.	2018	4	1	1-3	--
108	Dikshant Gogia, Chirag Kaushik, Gaurav Hasija, **Amanpreet Kaur** and **Pankaj Rakheja***	EECE	Integrated Air Purifier for Vehicles/Homes	International Journal of Computer Science Engineering (IJCSE)	Interl.	2018	7	3	69-74	--
109	Shilpi Birla*,Shikha Sharma and **Neeraj Kr. Shukla**	EECE	UVM Powered hardware/software co-verification	Journal of Information and Optimization Sciences	Interl.	2017	38	6	945-952	--
110	Ramanpreet Virdi* and **Neeraj Kr. Shukla**	EECE	A Novel Approach for Verification of RISC-V Processor	International Journal of Advance Engineering and Research Development	Interl.	2018	5	1	1-2	--
111	Priyanka Agarwal*,**Neeraj Kr. Shukla** and Simran Choudhary	EECE	Efficient CRC Implementation in 10G Ethernet and DigRF V4 Protocol	Journal of Web Engineering and Technology	Interl.	2018	4	3	19-24	--
112	Sheila Mahapatra*, **Nitin Malik,** A.N Jha and B.K. Panigrahi	EECE	Voltage Stability Enhancement by FA-IGSA Hybrid Technique Implementation for Optimal Location of TCSC	Journal of Engineering Science and Technology	Interl.	2017	12	9	2360-2373	0.19

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113	Bhavik Sharma and **Naresh Kumari***	EECE	Internet of things (IOT) for smart systems and applications	International Journal of Advanced Engineering Research and Applications (IJA-ERA)	Interl.	2018	4	1	22-27	--
114	Jayita Malik, Meenakshi Dahiya and **Naresh Kumari***	EECE	Brain wave frequency measurement in gamma wave range for accurate and early detection of depression	International Journal of Advance Research and Innovation	Interl.	2018	6	1	21-24	--
115	Twinkle arora, Navika Iyer, Harshit Aggarwal and **Naresh Kumari***	EECE	Wifi controlled robotic arm with claw for pick and place function	International Journal of Advanced Engineering Research and Applications (IJA-ERA)	Interl.	2018	4	1	28-35	--
116	**Geetika Munjal***, **Sangeet Srivastava** and M Hanmandku	CSE	Phylogenetic Methods and its Applications	Open access biostatistics and bioinformatics	Interl.	2018	1	1	1-3	--
117	**Geetika Munjal***, Pooja Sharma and Deepti Gaur	CSE	Sequence similarity using composition method	International Journal of Data Science	Interl.	2018	3	1	19-28	--
118	Mohit Gahlot*, Mayank Dhinrga and **Garima Sharma**	CSE	Feature Extraction For Emotion Detection	International Journal of Scientific Research in Science, Engineering and Technology	Interl.	2018	4	4	641-646	--
119	Aniket Kumar*,Akshit Kochar and **Jyotika Pruthi**	CSE	Sentiment Analysis for Facebook and Twitter Data	Advances in Computer Science and Information Technology	Interl.	2018	5	1	1-3	--
120	Anisha Bhutani*,Ansha and **Jyotika Pruthi**	CSE	Internet of things in healthcare	Advances in Computer Science and Information Technology	Interl.	2018	5	1	4-6	--
121	Akx Malik , Anil Kumar Misra, **Megha Kalra** and V. Gayathri	CEE	Variation in physico-mechanical characteristics of Kota Sandstone, under different environmental conditions	International Journal of Sustainable Building Technology and Urban Development	Interl.	2018	9	1	31-41	0.245
122	**Megha Kalra**, Gaurav Kumar and **Lokesh Choudhary**	CEE	Seismic response of RCC framed structure with floating columns	International Journal of Sustainable Building Technology and Urban Development	Interl.	2018	9	1	18-30	0.245
123	Divyabha	CLL	The Problems of Aesthetics: A Case for 'Abhilash Talkies'	Ashvamegh, The iterary Flight	Interl.	2018	48	9	17-22	--
124	**Praveen Singh, Satnam Singh*** and **Sanchit Mewar**	ME	Processing and characterization of high strength dual-phase steel by two-step intercritical heat treatment process	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	Interl.	2018	--	--	1-8	1.44

125	Divyansh Mahajan, Gaurav Kaushik , Harshit Padaliya and **Anmol Bhatia***	ME	Design of a Small-Scale Sugarcane Harvesting Machine	International Journal of Advanced Engineering Research and Applications (IJA-ERA)	Interl.	2018	4	1	43-48	--
126	**Deergha Sharma**	SOM	Factors determining positive intentions towards mobile banking usage-An empirical investigation of Indian Consumers	Apeejay -Journal of Management Sciences and Technology	Nat.	2018	5	2	15-27	0.998
127	**Ruchi Nayyar**	SOM	Modelling the determinants of Cognitive, Affective and Reflective Wisdom using Decision Tree Approach	International Journal of Research in Management and Social Science	Nat.	2018	6	2	33-44	--

Book Chapter (July 2017 to June 2018)

Sr. No.	Name of Authors in the sequence as mentioned in Book Chapter (* for corresponding author)	Deptt.	Chap. No.	Chapter Title	Book Title	Publisher	Intl./ Nat.	Yr	Page No.	Book ISBN No.
1	Nikhat Ikram* and Shilpa Mahajan	CSE	3	A Hardware Based Technique with an Android Application to Avoid Road Accidents	Information and Communication Technology for Intelligent Systems (ICTIS 2017) - Volume 1	Springer	Intl.	2017	20-29	978-3-319-63673-3
2	Suman Bhatia*, Phool Singh and Prabha Sharma	CSE	47	Hodgkin-Huxley Model Revisited to Incorporate the Physical Parameters Affected by Anaesthesia	Soft Computing: Theories and Applications (Part of the Advances in Intelligent Systems and Computing book series)Proceedings of SoCTA 2016.	Springer	Intl.	2017	523-533	978-981-10-5686-4
3	Jyotsna Singh*, Phool Singh and Vikas Malik	CSE	37	Effect of Intrinsic Parameters on Dynamics of STN Model in Parkinson Disease: A Sensitivity-Based Study	Soft Computing: Theories and Applications (Part of the Advances in Intelligent Systems and Computing book series)Proceedings of SoCTA 2016.	Springer	Intl.	2017	417-427	978-981-10-5686-4
4	Jagdeep Kaur* and Meghna Sharma	CSE	11	Extending IoTs Into the Cloud-Based Platform for Examining Amazon Web Services	Examining Cloud Computing Technologies Through the Internet of Things	IGI Global	Intl.	2017	216-227	978-152-25-3445-7
5	Himanshu khanna*, Mona Aggarwal and Swaran ahuja	EECE	--	Outage Analysis of an Inter-relay Assisted Free Space Optical Communication System	Advances in Optical Science and Engineering (Proceedings of the Third International Conference, OPTRONIX 2016)	Springer	Intl.	2017	301-308	978-981-10-3907-2
6	Anshul Vats*, Mona aggarwal, Sharda Vashisth and Swaran ahuja	EECE	--	Hybrid VLC-RF System for Real Time Health Care Applications	Advances in Optical Science and Engineering (Proceedings of the Third International Conference, OPTRONIX 2016)	Springer	Intl.	2017	347-353	978-981-10-3907-2
7	Subhradipta Sarkar*	SOL	20	Role of the National Human Right Commission in Protecting Victims' Right to Adequate Response	Law as a Catalyst of Social Change in Present Scenario	Twentyfirst Century Publications	Nat.	2016	176-189	978-93-85448-95-9
8	Archana Sarma*	SOL	23	Computer Forensics in Criminal Investigation: Challenges for Law Enforcment Agencies in India	Law as a Catalyst of Social Change in Present Scenario	Twentyfirst Century Publications	Nat.	2016	206-216	978-93-85448-95-9
9	Bharti Arora, Rohit Bhatia and Pankaj Attri*	APS	28	Bionanocomposites - A Green Materials for Sustainable Future	New Polymer Nanocomposites for Environmental Remediation	Elsevier, UK	Intl.	2018	699-712	ISBN: 9780128110331
10	Manoj Kumar* and Sangeet Srivastava	APS	Nil	Image Tampering Detection Based on Inherent Lighting Fingerprints	Lecture Notes in Computational Vision and Biomechanics (vol 28)proceedings of the International Conference On Computational Vision and Bio Inspired Computing (ICCVBIC 2017)	Springer International Publishing AG 2018	Intl.	2018	1129-1140	ISBN 978-3-319-71766-1

11	Bharti Arora, Ji Hoon Park, Eun Ha Choi and Pankaj Attri*	APS	14	Sol-Gel based Bioceramics-From Materials to Medicine	Smart Ceramics: Preparation, properties and applications	Pan Stanford Publisher,Taylor & Francis Group, USA	Intl.	2018	433-449	978-981-47-7430-7
12	Jyotsna Singh*, Phool Singh and Vikas Malik	CSE	4	Role of Sodium, Potassium and Synaptic Conductance in STN-GPe Model of Basal Ganglia in Parkinson Disease	Studies in computational intelligence	Springer	Intl.	2018	81-95	978-981-10-8048-7
13	Jyotsna Singh*, Phool Singh and Vikas Malik	CSE	75	Analysis of the Firing Behavior of STN-Gpe Network in Parkinson Disease	Lecture Notes in Networks and Systems (Proceedings of the International conference on Computing ad Communication Systems)	Springer	Intl.	2018	791-799	978-981-10-6889-8
14	Jyotsna Singh*, Phool Singh and Vikas Malik	CSE	37	Effect of Intrinsic Parameters on Dynamics of STN Model in Parkinson Disease: A Sensitivity-Based Study	Soft Computing: Theories and Applications (Part of the Advances in Intelligent Systems and Computing book series) Proceedings of SoCTA 2016.	Springer	Intl.	2017	417-427	978-981-10-5686-4
15	Manju Dabass, Sharda Vashsith* and Rekha VIg	EECE	22	Effectiveness of region growing based segmentation techniques for various medical images-A study	Communications in Computer and Information Science book series (Conference proceedings of REDSET 2017)	Springer International Publishing AG	Intl.	2018	234-259	Print ISBN-978-981-10-8526-0 Online ISBN-978-981-10-8527-7
16	Jyoti Dabas and Rekha Vig*	EECE	22	Biomedical Image Enhancement using Different Techniques- A Comparative Study	Communications in Computer and Information Science book series (Conference proceedings of REDSET 2017)	Springer International Publishing AG	Intl.	2018	260-286	Print ISBN-978-981-10-8526-0 Online ISBN-978-981-10-8527-7
17	Shaifali M Arora and Kavita Khanna*	CSE	29	Dynamic Two Level Threshold Estimation for Zero Motion Prejudgment: A Step Towards Fast Motion Estimation	Advances in Computing and Data Sciences (In book series Communications in Computer and Information Science) Conference proceedings ICACDS 2016	Springer (published through conference)	Intl.	2017	272-281	978-981-10-5426-6
18	Shaifali Madan Arora* and Kavita Khanna	CSE	3	Block Based Motion Estimation: Concepts & Challenges	Handbook of Research on Advanced Concepts in Real-Time Image and Video Processing	IGI Global	Intl.	2017	51-76	978-152-25-2848-7
19	Charu Rana*, Neelofer Afzal, Dinesh Prasad and Anu	EECE	10	Low Voltage Low Power FGMOS current conveyor III	Advances in Power systems and energy management (Part of the Lecture Notes in Electrical Engineering book series)	Springer	Intl.	2017	673-680	978-981-10-4394-9
20	Mehak Khurana*, Ruby Yadav and Meena Kumari	CSE	30	Buffer Overflow and SQL Injection: To Remotely Attack and Access Information	Cyber Security (Part of the Advances in Intelligent Systems and Computing book series)	Springer	Intl.	2018	301-313	978-981-10-8536-9

Books Journals (July 2017 to June 2018)

Sr. No.	PCN	Name of Authors in the sequence as mentioned in Book (* for corresponding author)	Deptt.	Book Title	Publisher	Intl./Nat.	Year	Page No.	ISBN No.	Hyperlink
1	CSE2017B004	Prachi* and Preeti Khare	CSE	Securing communication using ECCSH-DNA based stego-crypto	Lambert Academic Publishing	Intl.	2017	1-58	978-620-2-01830-2	https://www.lap-publishing.com/catalog/details//store/tr/book/978-620-2-01830-2/securing-communication-using-eccsh-dna-based-stego-crypto
2	CSE2017B005	Neha Gupta* and Prachi	CSE	Permission and Behavior based Malware detection of Android apps	Lambert Academic Publishing	Intl.	2017	1-55	978-3-330-32263-9	https://www.lap-publishing.com/catalog/details//store/gb/book/978-3-330-32263-9/permission-and-behavior-based-malware-detection-of-android-apps
3	MED2018B001	Pramod bhatia	ME	God, Love and I	Leadstart Publishing Pvt Ltd	Intl.	2018	298	978-93-52019-94-6	https://www.amazon.in/God-Love-Dr-Pramod-Bhatia/dp/9352019946/

Conference Proceedings (July 2017 to June 2018)

Sr. No.	Name of Authors in the sequence as mentioned in Conference Proceedings	Deptt.	Title of Paper	Proceedings of	Intl./ Nat.	Venue Details for Conference	Year	Dates	Publishers	Page no.
1	**Akx Malik**, Tanushree Chakraborty*, K. Sheshagiri Rao and Davinder Kumar	CEE	Experiments to Determine Static and Dynamic Tensile Strength of Deccan Trap Rocks, India	Procedia Engineering (Symposium of the International Society for Rock Mechanics)	Intl.	Ostrava, Czech Republic	2017	20-22 June	Science direct	647-654
2	Karishma Chaudhary and **Prem Vrat**	SOM	Sustainalbe benefits of electronic waste recycling in India:A System Dynamics analysis	International conference on Emerging Trends in Mechanical & Industrial Engineering(ICET MIE-2017)	Intl.	The NorthCap University, Gurugram	2017	13, 14	ABC Press	39-50
3	Anshul Vats*, **Mona Aggarwal** and **Swaran Ahuja**	EECE	Modeling and Outage Analysis of Multiple Relayed Hybrid VLC-RF System	IEEE COMPTELIX-2017	Intl.	Manipal University, Jaipur	2017	1-2 july, 2017	IEEE	254-259
4	Aman Singla, Divyata Sharma and **Sharda Vashisth***	EECE	Data connectivity in flights using visible light communication	IEEE IC3TSN 2017	Intl.	GD Goenka University, Gurugram	2017	14-Dec	IEEE	71-74
5	Sakshi Juneja and **Sharda Vashisth***	EECE	Indoor positioning system using visible light communication	IEEE IC3TSN 2017	Intl.	GD Goenka University, Gurugram	2017	14-Dec	IEEE	79-83
6	Raman Yadav, **Sharda Vashisth*** and Ranjit Verma	EECE	Computer based methods to analyze carotid stenosis	IEEE IC3TSN 2017	Intl.	GD Goenka University, Gurugram	2017	14-Dec	IEEE	270-272
7	Abhishek Upadhyay, **Pramila Goyal*** and Sagnik Dey	CEE	Qualitative Analysis of WRF-CHEM Simulated PM2.5 Over Delhiin Winter Season	Proceedings of the IASTED International Conference Modelling, Simulation and Identification	Intl.	Calgary, Canada	2017	July 19 - 20, 2017	ACTA Press	85-91
8	**Jagdeep Kaur*** and Pradeep Tomar	CSE	A Software Component Selection Technique based on Fuzzy Clustering	2016 1st India International Conference on Information Processing	Intl.	Delhi Technological University	2016	12-14 Aug. 2016	IEEE Explore	1-5
9	Poonam Lata Yadav* and **Hukum Singh**	APS	Optical Asymmertic Cryptosystem centred on Fractional Fourier domain using Hilbert Phase Mask	Proceedings of IEEE	Intl.	G D Goenka University , Gurgaon Haryana	2018	8	IEEE	173-178

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10	Priyanka Maan*, **Hukum Singh** and **A Charan Kumari**	APS	Image enucryption based on Walsh Hadamard and fractional Fourier trnasform using radial hilbert Mask	Proceedings of IEEE	Intl.	G D Goenka University , Gurgaon Haryana	2018	8		IEEE	179-183
11	R. Girija* and **Hukum Singh**	APS	A new substitution-permutation network cipher using Walsh Hadamard transform	Proceedings of IEEE	Intl.	G D Goenka University , Gurgaon Haryana	2018	8		IEEE	168-172
12	**Mehak Khurana*** and **Hukum Singh**	APS	Asymmetric Optical image encryption using random hilbert mask based on fast Walsh Hadamard transform	Proceedings of IEEE	Intl.	G D Goenka University , Gurgaon Haryana	2018	8		IEEE	374-377
13	Anshula* and **Hukum Singh**	APS	Asymmetric image encryption based on the discrete Cosine transform using random phase masks	Proceedings of IEEE	Intl.	G D Goenka University , Gurgaon Haryana	2018	8		IEEE	184-187
14	**Rita Chhikara*** and Meena Kumari	CSE	Blind Image Steganalysis using Neural Networks and Wrapper Feature Selection	International conference on Computing, Communication and Automation	Intl.	Galgotias University	2017	5th- 6th May 2017		IEEE	1065-1069
15	**Vikas Sharma***, Vinod Kumar and **Roshan Raman**	ME	Theoretical aspects of Laser micro machining and its role in new industrial revolution	International Conference on Emerging Trends in Mechanical & Industrial Engineering	Intl.	Department of Mechanical Engineering, The NorthCap University, Gurgaon	2017	13&14		ABC Press	184 -188
16	**Roshan Raman***, Vinod Kumar and **Vikas Sharma**	ME	A comprehensive review of the utilization of Di-Methyl Ether as an alternate fuel in CI engines	International Conference on Emerging Trends in Mechanical & Industrial Engineering (ICETMIE2017)	Intl.	Department of Mechanical Engineering, The NorthCap University, Gurgaon - 122017.	2017	13&14		ABC Press	259-268
17	Monika Dahiya*, Sanatan Sukhija, Deepak Kumar and **Hukum Singh**	APS	Image Encryption Based On Watermarking Technique In Fourier Domain Using Pixel Scrambling	4th International Conference on Image Information Processing -2017	Intl.	Jaypee Univ. Simla, India	2017	21-23 Dec, 2017		IEEE	312-316
18	Puneet Rana*, Meenakshi Khurana and **Sangeet Srivastava**	APS	Linear Stability Analysis On The Onset Of MHD Non-Newtonian Viscoelastic Rotating Nanofluid Layer With Heat Generation	2nd International Conference on Recent Advances in Mathematical Sciences and its Applications -2017	Intl.	Jaypee Institute of Information Technology, Noida	2017	12-14 Dec,2017		American Institute of Physics	020030 (1-8)
19	Ram Sharma, A. Charan Kumari, **Mona Aggarwal*** & **Swaran Ahuja**	EECE	Performance Analysis of LED Based Indoor VLC System Under Receiver Mobility	International Conference on Computing, Communication & Automation -2017	Intl.	Galgotia University , greater noida	2017	5-6 May, 2017		IEEE	966-971
20	**Vandana Khanna*** and Bijoy Kishore Das	EECE	Parameter extraction of large area Silicon Solar Cells using Differential Evolution	XIX International Workshop on The Physics of Semiconductor Devices (XIX IWPSD- 2017)	Intl.	IIT Delhi	2017	12-15 December 2017		N.A	pp 1-4

21	**Vaishali Sahu** and Monica Malhotra	CEE	Ultimate Load Carrying Capacity of Single Pile Resting on Deep Buried Flexible Conduit	Indian Geotechnical Conference 2017 GeoNEst	Nat.	IIT Guwahati	2017	14th-17th December	NIL	1-4
22	Rachita Sethi, Richa Sharma* and **Amita Bhagat**	APS	Markovian Queue with Multi Stage Service, Finite Capacity and Breakdowns	2017 2nd International Conference on System Reliability and Safety	Intl.	Milan, Italy	2017	Dec 20-22, 2017	IEEE	125-129
23	Deepika* and **Hukum Singh**	APS	Study of temperature dependent electrical properties of Se80-xTe20Bix (x = 0, 3, 6) glasses	AIP Conference Proceedings	Intl.	International Conference on Condensed Matter & Applied Physics (ICC 2017) Bikaner (http://www.iccindia.in/)	2018	November 24-25, 2017	AIP Conf. Proc.	090005-1–090005-5
24	Mehak Khurana* and **Hukum Singh**	APS	Optical image encryption using fresnel zone plate mask based on fast walsh hadamard transform	AIP Conference Proceedings	Intl.	International Conference on Condensed Matter & Applied Physics (ICC 2017) Bikaner (http://www.iccindia.in/)	2018	November 24-25, 2017	AIP Conf. Proc.	140043-1–140043-4
25	Poonam Lata Yadav* and **Hukum Singh**	APS	Enhancement of security using structured phase masked in optical image encryption on Fresnel transform domain	AIP Conference Proceedings	Intl.	International Conference on Condensed Matter & Applied Physics (ICC 2017) Bikaner (http://www.iccindia.in/)	2018	November 24-25, 2017	AIP Conf. Proc.	140049-1–140049-5
26	**Arjyajyoti Goswami***, S Aravindan and P V Rao	ME	Parametric Analysis Of Substrate Supported Metallic Nanoparticles	International Conference on Emerging Trends in Mechanical & Industrial Engineering (ICETMIE2017)	Intl.	The Northcap University, Gurugram	2017	13 & 14 Oct 2017	ABC press	356-360
27	Darpan Dahiya, **Rohit Singh Lather*** and **Pramod Bhatia**	ME	Analytical Analysis of Domestic, Partially Aerated, LPG Burner for Identification and Mitigation of Heat Losses	International Conference on Emerging Trends in Mechanical & Industrial Engineering (ICETMIE2017)	Intl.	The Northcap University, Gurugram	2017	13 & 14 Oct 2017	ABC press	269-275
28	Anshul Vats*, **Mona Aggarwal, Swaran Ahuja**	EECE	Outage Analysis of AF Relayed Hybrid VLC-RF Communication System for E-Health Applications	IEEE Computing, Communication and Automation (ICCCA), 2017 International Conference on 2017	Intl.	Galgotia University , greater noida	2017	5-6 may 2017	IEEE	1432-1437
29	Preeti*, **Kusum Grewal Dang**i, Kumari	EECE	Wireless Body Area Sensor Networks	IEEE International Conference on Computing and Communication	Intl.	GD Goenka University, Gurugram	2017	12-15	IEEE	144-149

	Bharti Sangwan			Technologies for Smart Nation 2017					
30	**Rekha Vig***, Navika Iyer, Twinkle Arora	EECE	Finger Knuckle Print Identification: Using Energy Compaction of Individual and Hybrid Transforms and Their Wavelets	5th International Conference on 'Computing for Sustainable Global Development', IndiaCom 2018	Intl.	Bharati Vidyapeeth's Institute of Computer Applications and Management, Paschim Vihar, New Delhi (BVICAM)	2018	14-16Mar	IEEE	4844-4850
31	Jyoti Dabas, **Rekha Vig***, **Shaveta Arora**	EECE	Comparative Analysis of Noise Filtering Techniques for Medical Images in Fuzzy Domain	5th International Conference on 'Computing for Sustainable Global Development', IndiaCom 2018	Intl.	Bharati Vidyapeeth's Institute of Computer Applications and Management, Paschim Vihar, New Delhi (BVICAM)	2018	14-16Mar	IEEE	4668-4673
32	Manju Dabas, **Rekha Vig***, **Sharda Vashisth**	EECE	Comparative Study of Neural Network based Compression Techniques for Medical Images	5th International Conference on 'Computing for Sustainable Global Development', IndiaCom 2018	Intl.	Bharati Vidyapeeth's Institute of Computer Applications and Management, Paschim Vihar, New Delhi (BVICAM)	2018	14-16Mar	IEEE	4674-4680
33	Pallavi Asthana*, **Sharda Vashisth**	EECE	Comparison between Various Pre-Processing Techniques on Brain MRI Images	5th International Conference on 'Computing for Sustainable Global Development', IndiaCom 2018	Intl.	Bharati Vidyapeeth's Institute of Computer Applications and Management, Paschim Vihar, New Delhi (BVICAM)	2018	14-16Mar	IEEE	4840-4843
34	Shradha Singh Parihar, **Nitin Malik***	EECE	Optimal Allocation of Solar Photovoltaic based Distributed Generation in Balanced Radial Distribution Network	5th International Conference on 'Computing for Sustainable Global Development', IndiaCom 2018	Intl.	Bharati Vidyapeeth's Institute of Computer Applications and Management, Paschim Vihar, New Delhi (BVICAM)	2018	14-16Mar	IEEE	4433-4438

35	Shradha Singh Parihar, **Nitin Malik***	EECE	Power Flow Analysis of Balanced Radial Distribution System with Composite Load Model	Recent Developments in Control, Automation & Power Engg. 2017	Intl.	Amity University, Noida	2017	26-27 Oct	IEEE	160-165
36	Shradha Singh Parihar, **Nitin Malik***	EECE	Multi-objective Optimization with Non-Convex Cost Functions using Fuzzy Mechanism based Continuous Genetic Algorithm	IEEE Uttar Pradesh Section International Conference on Electrical, Electronics & Comp. Engg 2017	Intl.	GLA University, Mathura	2017	26-28 Oct	IEEE	457-462
37	Aakriti Khanna*, **Anjali Garg**, Alka Singh	EECE	Modeling and Analysis of MPPT based algorithm in PV Module	5th International Conference on 'Computing for Sustainable Global Development', IndiaCom 2018	Intl.	Bharati Vidyapeeth's Institute of Computer Applications &Management, Paschim Vihar, ND	2018	14-16Mar	IEEE	2706-2711
38	Ranita Sen, **Anjali Garg***, Alka Singh	EECE	Modeling of PV array using P&O algorithm in boost converter	IEEE International Conference on Computing and Communication Technologies for Smart Nation 2017	Intl.	GD Goenka University, Gurugram	2017	12-14 may	IEEE	231-236
39	Simarpreet, Rakesh, **Anjali Garg***	EECE	Transmission Cable Fault Distance Calculator	IEEE International Conference on Computing and Communication Technologies for Smart Nation 2017	Intl.	GD Goenka University, Gurugram	2017	12-14 may	IEEE	237-242
40	Deepika*, **Sharda Vashisth, Charu Rana**	EECE	Traffic Sign recognition: A comprehensive review	5th International Conference on 'Computing for Sustainable Global Development', IndiaCom 2018	Intl.	Bharati Vidyapeeth's Institute of Computer Applications and Management, Paschim Vihar, ND (BVICAM)	2018	14-16Mar	IEEE	2706-2711
41	Piyushi Yadav*, Dinesh Luthra, Pranjal Chauhan, **Anmol Bhatia**	ME	Characteristics of Diesel Engine Fueled with Different Biodiesels: A Review	International Conference on Emerging Trends in Mechanical & Industrial Engineering (ICETMIE2017)	Intl.	The Northcap University, Gurugram	2017	13 & 14 Oct 2017	ABC press	216-230
42	Preeti Chawla	SOM	M&A Activity: A Derivative of Economic Growth or a Bellwether for Changing Growth Contours?	Institute of Management Studies and Research, MDU	Nat.	Institute of Management Studies and Research, MDU	2017	26-Sep	IMSAR, MDU, Rohtak	25
43	Preeti Chawla	SOM	Goods and Service Tax: Regulatory Albatross or Herald for Progress	All India Commerce Conference	Nat.	The IIS University, Jaipur	2017	12 to 14 Oct	The IIS University, Jaipur	127
44	Preeti Chawla	SOM	Cash, Cash-Less or Less-Cash: A Distinctive Equilibrium for Every Economy	All India Commerce Conference	Nat.	The IIS University, Jaipur	2017	12 to 14 Oct	The IIS University, Jaipur	75

3.4.5 & 3.4.6	Publications in Scopus with NCU affliation (Jan, 2017-July, 2018)								
Name of Authors	Title of paper	Year	Journal title	Cited By	Document Type	Citation Index	h index	Institutional affiation
Mathiyazhagan K., Sengupta S., Poovazhagan L.	A decision making trial and evaluation laboratory approach to analyse the challenges to environmentally sustainable manufacturing in Indian automobile industry	2018	Sustainable Production and Consumption		Article	Scopus		NCU
Upadhyay A., Dey S., Goyal P., Dash S.K.	Projection of near-future anthropogenic PM2.5 over India using statistical approach	2018	Atmospheric Environment		Article	Scopus		NCU
Ghrera A.S., Pandey C.M., Malhotra B.D.	Multiwalled carbon nanotube modified microfluidic-based biosensor chip for nucleic acid detection	2018	Sensors and Actuators, B: Chemical	1	Article	Scopus		NCU
Chaudhary K., Vrat P.	Circular economy model of gold recovery from cell phones using system dynamics approach: a case study of India	2018	Environment, Development and Sustainability		Article in Press	Scopus		NCU
Deepika, Singh H.	Study of Size Distribution in Nanostructured Se58Ge39Pb3 Glass Using Various Characterization Methods	2018	Mapan - Journal of Metrology Society of India		Article	Scopus		NCU
Girija R., Singh H.	Enhancing Security of Double Random Phase Encoding Based on Random S-Box	2018	3D Research		Article	Scopus		NCU
Sharma R., Charan Kumari A., Aggarwal M., Ahuja S.	Improved RMS delay and optimal system design of LED based indoor mobile visible light communication system	2018	Physical Communication		Article	Scopus		NCU
Yadav P.L., Singh H.	Optical Double Image Hiding in the Fractional Hartley Transform Using Structured Phase Filter and Arnold Transform	2018	3D Research		Article	Scopus		NCU
Titus S.S., Vikram, Girish, Jain S.K.	Metrological Characterization of the Vickers Hardness Primary Standard Machine Established at CSIR-NPL	2018	Journal of The Institution of Engineers (India): Series C		Article	Scopus		NCU
Roy A., Batra N., Majhi S., Panja S., Sen Gupta A., De S.	Design of a Stable DC Voltage Source and Computer Controlling of It Using an Indigenously Developed All-Digital Addressing-Cum-Control Hardware	2018	Mapan - Journal of Metrology Society of India		Article	Scopus		NCU
Khanna H., Aggarwal M., Ahuja S.	Further results on the performance improvement in mixed RF-FSO systems using hybrid DF/AF (HDAF) relaying	2018	Transactions on Emerging Telecommunications Technologies		Article	Scopus		NCU
Yadav A.K., Singh P., Singh K.	Cryptosystem based on devil's vortex Fresnel lens in the fractional Hartley domain	2018	Journal of Optics (India)	1	Article	Scopus		NCU
Sahu V., Srivastava A., Misra A.K., Sharma A.K.	Synthesis and characterization of green composites: Focus on accelerated strength, ductility and durability	2018	Indoor and Built Environment		Article	Scopus		NCU
Girija R., Singh H.	A cryptosystem based on deterministic phase masks and fractional Fourier transform deploying singular value decomposition	2018	Optical and Quantum Electronics	1	Article	Scopus		NCU
Chundawat T.S., Vaya D., Sini N.K., Varma I.K.	Blast mitigation using FRP retrofitting and coating techniques	2018	Polymer Composites	2	Review	Scopus		NCU
Malik A., Chakraborty T., Rao K.S.	Strain rate effect on the mechanical behavior of basalt: Observations from static and dynamic tests	2018	Thin-Walled Structures		Article	Scopus		NCU
Rohilla P., Kumar V., Hakkak F.A.	Fuzzy gain scheduling of an I-P-D controller for oscillation compensation in a sticky pneumatic control valve	2018	International Journal of Mechanical Engineering and Robotics Research		Article	Scopus		NCU
Ahlwat P.	Detection of botnet based attacks on network: Using machine learning techniques	2018	Handbook of Research on Network Forensics and Analysis Techniques		Book Chapter	Scopus		NCU
Dhull A., Gupta G.	An Intelligent Two Phase Fuzzy Decision Tree Based Clustering Model for Design of Computer Aided Detection/Diagnosis (CADe/CADx) System	2018	Mapan - Journal of Metrology Society of India		Article	Scopus		NCU
Mathiyazhagan K., Datta U., bhadauria R., Singla A., Krishnamoorthi S.	Identification and prioritization of motivational factors for the green supply chain management adoption: case from Indian construction industries	2018	OPSEARCH	1	Article	Scopus		NCU

Gupta R., Misra A.K.	Groundwater quality analysis of quaternary aquifers in Jhajjar District, Haryana, India: Focus on groundwater fluoride and health implications	2018	Alexandria Engineering Journal	1	Article	Scopus	NCU
Gupta A., Sharma P., Salwan H.	A local search algorithm: minimizing makespan of deteriorating jobs with relaxed agreeable weights	2018	EURO Journal on Computational Optimization		Article	Scopus	NCU
Mathiyazhagan K., Sudhakar S., Bhalotia A.	Modeling the criteria for selection of suppliers towards green aspect: a case in Indian automobile industry	2018	OPSEARCH	1	Article	Scopus	NCU
Arora B., Bhatia R., Attri P.	Bionanocomposites: Green materials for a sustainable future	2018	New Polymer Nanocomposites for Environmental Remediation		Book Chapter	Scopus	NCU
Khanna H., Aggarwal M., Ahuja S.	Statistical characteristics and performance evaluation of FSO links with misalignment fading influenced by correlated sways	2018	AEU - International Journal of Electronics and Communications		Article	Scopus	NCU
Sharma R., Kumari A.C., Aggarwal M., Ahuja S.	Hyperheuristic-based analysis and optimization of a mobile indoor visible light communication system	2018	Transactions on Emerging Telecommunications Technologies		Article	Scopus	NCU
Jain A.K., Rastogi V., Agrawal A.K.	A novel approach to study effects of asymmetric stiffness on parametric instabilities of multi-rotor-system	2018	Journal of Sound and Vibration		Article	Scopus	NCU
Khanna H., Aggarwal M., Ahuja S.	Performance analysis of a variable-gain amplify-and-forward relayed mixed RF-FSO system	2018	International Journal of Communication Systems	1	Article	Scopus	NCU
Singh S., Gupta D., Jain V.	Processing of Ni-WC-8Co MMC casting through microwave melting	2018	Materials and Manufacturing Processes		Article	Scopus	NCU
Manchanda T., Tyagi R., Sharma D.K.	Comparison of fuel characteristics of green (renewable) diesel with biodiesel obtainable from algal oil and vegetable oil	2018	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	1	Article	Scopus	NCU
Singh J., Singh P., Malik V.	Role of sodium, potassium and synaptic conductance in STN-GPe model of basal Ganglia in Parkinson disease	2018	Studies in Computational Intelligence		Book Chapter	Scopus	NCU
Dabass M., Vashisth S., Vig R.	Effectiveness of region growing based segmentation technique for various medical images - A study	2018	Communications in Computer and Information Science		Conference Paper	Scopus	NCU
Dabass J., Vig R.	Biomedical image enhancement using different techniques - A comparative study	2018	Communications in Computer and Information Science		Conference Paper	Scopus	NCU
Khurana M., Yadav R., Kumari M.	Buffer overflow and SQL injection: To remotely attack and access information	2018	Advances in Intelligent Systems and Computing		Conference Paper	Scopus	NCU
Jain D., Singh V.	Feature selection and classification systems for chronic disease prediction: A review	2018	Egyptian Informatics Journal		Article in Press	Scopus	NCU
Mishra V., Chundawat T.S.	Pd catalyzed N1/N4 arylation of piperazine for synthesis of drugs, biological and pharmaceutical targets: An overview of buchwald hartwig amination reaction of piperazine in drug synthesis	2018	Current Organic Synthesis		Review	Scopus	NCU
Bhatia S., Singh P., Sharma P.	Hodgkin–Huxley Model Revisited to Incorporate the Physical Parameters Affected by Anesthesia	2018	Advances in Intelligent Systems and Computing		Conference Paper	Scopus	NCU
Kumar M., Srivastava S.	Image tampering detection based on inherent lighting fingerprints	2018	Lecture Notes in Computational Vision and Biomechanics		Book Chapter	Scopus	NCU
Ikram N., Mahajan S.	A hardware based technique with an android application to avoid road accidents	2018	Smart Innovation, Systems and Technologies		Conference Paper	Scopus	NCU
Sharma R., Charan Kumari A., Aggarwal M., Ahuja S.	Optimal LED deployment for mobile indoor visible light communication system: Performance analysis	2018	AEU - International Journal of Electronics and Communications	1	Article	Scopus	NCU
Singh J., Singh P., Malik V.	Effect of Intrinsic Parameters on Dynamics of STN Model in Parkinson Disease: A Sensitivity-Based Study	2018	Advances in Intelligent Systems and Computing		Conference Paper	Scopus	NCU
Kumar K., Sujata	Regression Testing Using User Requirements Based on Genetic Algorithm	2018	Studies in Computational Intelligence		Conference Paper	Scopus	NCU
Anjana S., Saini I., Singh P., Yadav A.K.	Asymmetric cryptosystem using affine transform in fourier domain	2018	Advances in Intelligent Systems and Computing		Conference Paper	Scopus	NCU
Sharma A., Aggarwal M., Ahuja S., Moin-Uddin	Performance analysis of DF-relayed cognitive underlay networks over EGK fading channels	2018	AEU - International Journal of Electronics and Communications	1	Article	Scopus	NCU
Varma V G., Misra A.K.	Copper contaminated wastewater – An evaluation of bioremedial options	2018	Indoor and Built Environment		Article	Scopus	NCU

Authors	Title	Year	Source		Type	Database	
Arora S., Hanmandlu M., Gupta G.	Filtering impulse noise in medical images using information sets	2018	Pattern Recognition Letters		Article in Press	Scopus	NCU
Verma M., Bhal K.T., Vrat P.	Relationship between gender-sensitive practices and family support and its impact on psychological well-being of women employees in call centers in India	2018	Employee Relations		Article	Scopus	NCU
Purohit P., Yadav Y.K., Titus S.S.K.	Low Force Measurement Based on Impedance of a Piezo-resonator	2017	Mapan - Journal of Metrology Society of India		Article	Scopus	NCU
Bansal S., Kumar Misra A., Bajpai P.	Evaluation of modified bituminous concrete mix developed using rubber and plastic waste materials	2017	International Journal of Sustainable Built Environment		Article	Scopus	NCU
Sinha D., Sethi A.	An Algorithmic Characterization of Splitting Signed Graph	2017	Electronic Notes in Discrete Mathematics		Article	Scopus	NCU
Sharma N., Saini I., Yadav A., Singh P.	Phase-Image Encryption Based on 3D-Lorenz Chaotic System and Double Random Phase Encoding	2017	3D Research	1	Article	Scopus	NCU
Sabherwal P., Agrawal M., Singh L.	Automatic Detection of the R Peaks in Single-Lead ECG Signal	2017	Circuits, Systems, and Signal Processing		Article	Scopus	NCU
Khan S.A., Asiri A.M., Rahman R.M., Elroby S.A., Aqlan F.M.S., Wani M.Y., Sharma K.	Multistep Synthesis of Fluorine-Substituted Pyrazolopyrimidine Derivatives With Higher Antibacterial Efficacy Based on In Vitro Molecular Docking and Density Functional Theory	2017	Journal of Heterocyclic Chemistry		Article	Scopus	NCU
Khanna H., Aggarwal M., Ahuja S.	Optimum Distance and Power allocation Strategies for Quantum-limited Inter-Relayed FSO Communication System	2017	AEU - International Journal of Electronics and Communications	1	Article	Scopus	NCU
Kaushal H., Kaddoum G., Jain V.K., Kar S.	Experimental investigation of optimum beam size for FSO uplink	2017	Optics Communications	2	Article	Scopus	NCU
Gautam S., Singh L.	Development of spectro-temporal features of speech in children	2017	International Journal of Speech Technology		Article	Scopus	NCU
Chaudhary K., Vrat P.	Optimal location of precious metal extraction facility (PMEF) for E-waste recycling units in National Capital Region (NCR) of India	2017	OPSEARCH		Article	Scopus	NCU
Deepika, Singh H.	Optical investigation of vacuum evaporated Se80 – xTe20Sbx (x = 0, 6, 12) amorphous thin films	2017	Infrared Physics and Technology	2	Article	Scopus	NCU
Khurana M., Singh H.	An Asymmetric Image Encryption Based on Phase Truncated Hybrid Transform	2017	3D Research	6	Article	Scopus	NCU
Arya A., Tyagi R., Sharma D.K.	Application of nitrogen and phosphorus stress conditions for biomass and oil production by Chlorella vulgaris	2017	Vegetos		Article	Scopus	NCU
Mahapatra S., Malik N., Jha A.N., Panigrahi B.K.	Voltage stability enhancement by IGSA-FA hybrid technique implementation for optimal location of TCSC	2017	Journal of Engineering Science and Technology	1	Article	Scopus	NCU
Batra N., Panja S., De S., Roy A., Majhi S., Yadav S., Sen Gupta A.	Design and Construction of a Helical Resonator for Delivering Radio Frequency to an Ion Trap	2017	Mapan - Journal of Metrology Society of India	3	Article	Scopus	NCU
Swamee P.K., Misra A.K., Poyil R.P., Choudhary L., Kaur A., Chintalapati S.	A linear and nonlinear approach for interpretation of groundwater quality based on water quality index	2017	Environment, Development and Sustainability		Article in Press	Scopus	NCU
Bala A., Pawar P.S., Misra A.K., Rawat K.S.	Estimation and validation of actual evapotranspiration for wheat crop using SEBAL model over Hisar district, Haryana, India	2017	Current Science		Article	Scopus	NCU
Khan S.A., Asiri A.M., Al-Ghamdi N.S.M., Zayed M.E.M., Sharma K., Parveen H.	Optical properties of novel environmentally benign biologically active ferrocenyl substituted chromophores: A detailed insight via experimental and theoretical approach	2017	Journal of Molecular Structure		Article	Scopus	NCU
Waraich S.B., Chaturvedi A.	Entrepreneurship development in business schools: An analysis of the initiatives in Delhi and NCR	2017	Entrepreneurship Education: Experiments with Curriculum, Pedagogy and Target Groups		Book Chapter	Scopus	NCU
Bhatia P., Singh R.	Effect of Oxygen Enrichment in Propane Laminar Diffusion Flames under Microgravity and Earth Gravity Conditions	2017	Microgravity Science and Technology	1	Article	Scopus	NCU
Dave N., Misra A.K., Srivastava A., Kaushik S.K.	Setting time and standard consistency of quaternary binders: The influence of cementitious material addition and mixing	2017	International Journal of Sustainable Built Environment	4	Article	Scopus	NCU
Singh K.K., Singh A.	Identification of flooded area from satellite images using Hybrid Kohonen Fuzzy C-Means sigma classifier	2017	Egyptian Journal of Remote Sensing and Space Science	2	Article	Scopus	NCU
Dave N., Misra A.K., Srivastava A., Sharma A.K., Kaushik S.K.	Study on quaternary concrete micro-structure, strength, durability considering the influence of multi-factors	2017	Construction and Building Materials	5	Article	Scopus	NCU
Sahu V., Srivastava A., Misra A.K., Sharma A.K.	Stabilization of fly ash and lime sludge composites: Assessment of its performance as base course material	2017	Archives of Civil and Mechanical Engineering	4	Article	Scopus	NCU

Deepika, Singh H.	Structural and optical study of nanostructured Se80−xTe20Sbx (0≤x≤12) thin films	2017	Nano-Structures and Nano-Objects	2	Article	Scopus	NCU
Singh P., Yadav A.K., Singh K.	Phase image encryption in the fractional Hartley domain using Arnold transform and singular value decomposition	2017	Optics and Lasers in Engineering	13	Article	Scopus	NCU
Sahni J., Vidyarthi D.P.	Heterogeneity-aware adaptive auto-scaling heuristic for improved QoS and resource usage in cloud environments	2017	Computing		Article	Scopus	NCU
Sharma S., Bulkesh Siwach, Ghoshal S.K., Mohan D.	Dye sensitized solar cells: From genesis to recent drifts	2017	Renewable and Sustainable Energy Reviews	19	Review	Scopus	NCU
Prachi, Jain A.	Android permissions: Attacks and controls	2017	Detecting and Mitigating Robotic Cyber Security Risks		Book Chapter	Scopus	NCU
Sharma S., Gigras Y.	A survey: Threats and vulnerabilities in cloud	2017	Detecting and Mitigating Robotic Cyber Security Risks		Book Chapter	Scopus	NCU
Gupta S., Gigras Y.	A survey: Vulnerabilities present in pdf files	2017	Detecting and Mitigating Robotic Cyber Security Risks		Book Chapter	Scopus	NCU
Acharya A., Bharath V., Arora P., Yadav S., Agarwal A., Gupta A.S.	Systematic uncertainty evaluation of the cesium fountain primary frequency standard at NPL India	2017	Mapan - Journal of Metrology Society of India	1	Article	Scopus	NCU
Srivastava M., Bhanja P., Mir S.F.	A new configuration for simulating passive elements in floating state employing VDCCs and grounded passive elements	2017	1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems, ICPEICES 2016	3	Conference Paper	Scopus	NCU
Singh K.	Photorefractive optical cryptography: A personal tour	2017	Springer Proceedings in Physics		Conference Paper	Scopus	NCU
Arora S.M., Khanna K.	Dynamic two level threshold estimation for zero motion prejudgment: A step towards fast motion estimation	2017	Communications in Computer and Information Science		Conference Paper	Scopus	NCU
Khanna H., Aggarwal M., Ahuja S.	Outage analysis of an inter-relay assisted free space optical communication system	2017	Springer Proceedings in Physics		Conference Paper	Scopus	NCU
Yadav P., Sharma A.	Study of Third-Order Optical Nonlinearities of Se-Sn (Bi,Te) Quaternary Chalcogenide Thin Films Using Ti: Sapphire Laser in Femtosecond Regime	2017	Journal of Electronic Materials	1	Article	Scopus	NCU
Rana C., Afzal N., Prasad D., Anu	Low-voltage low-power FGMOS-based current conveyor III	2017	Lecture Notes in Electrical Engineering		Book Chapter	Scopus	NCU
Singh A., Singh K.K.	Satellite image classification using Genetic Algorithm trained radial basis function neural network, application to the detection of flooded areas	2017	Journal of Visual Communication and Image Representation	8	Article	Scopus	NCU
Sahni J., Vidyarthi D.P.	Scalable online analytics on cloud infrastructures	2017	Communications in Computer and Information Science		Conference Paper	Scopus	NCU
Kunroo M.H., Sofi I.A., Khurana M., Mogha S.K.	Re-visiting the impact of the euro on trade flows: New evidence using gravity equation with poisson count-data technique	2017	Advances in Intelligent Systems and Computing		Conference Paper	Scopus	NCU
Sharma N., Bhagat S., Chundawat T.S.	Recent advances in development of GPR40 modulators (FFA1/FFAR1): An emerging target for type 2 diabetes	2017	Mini-Reviews in Medicinal Chemistry	2	Review	Scopus	NCU
Rohilla P., Kumar V., Al Hakkak F.	Fuzzy I+PD controller for stiction compensation in pneumatic control valve	2017	International Journal of Applied Engineering Research	3	Article	Scopus	NCU
Singh G., Prasad D., Bhaskar D.R., Srivastava M.	A VDVTA-based novel configuration for realizing grounded inductance	2017	Advances in Intelligent Systems and Computing		Conference Paper	Scopus	NCU
Arora B., Tandon R., Attri P., Bhatia R.	Chemical crosslinking: Role in protein and peptide science	2017	Current Protein and Peptide Science	3	Review	Scopus	NCU
			Total	(Citations)			4 (h index)

ATTENDED SEMINAR/ WORKSHOP

S.no	Faculty	Deptt.	Date	Title	Nat./ Intl.	Organised by
1	Ms. Purnima	CEE	12 July, 2017	Power Transmission and Distribution	Nat.	Ministry of Power, New Delhi
2	Ms. Shubham	CEE	06 July, 2017	National Roads & Highway Summit	Nat.	Ministry of Road Transportation & Highway
3	Mr. Lokesh	CEE	06– 07 June, 2018	Midas GTSNX	Nat.	Midas
4	Mr. Diptendu Roy	CEE	24 Aug, 2017	Journey of Science- A Historical Agency	Nat.	Presidency College Kolkata
5	Mr. Purnima & Mr. Shubham	CEE	07 Feb, 2018	National Energy Conclave	Nat.	Ministry of Energy and Power
6	Dr Sunita Sharma	APS	13-Oct-17	Patent Drafting	Nat.	Jaypee University of Information Technology, Waknaghat, Solan, Himachal Pradesh
7	Dr Sunita Sharma	APS	10-May-18	Smart Use of Technology	Nat.	Workshop at Ryan International School, Vasant Kunj
8	Dr. Rita Chhikara	CSE	7th - 8th April, 2018	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier
9	Dr. Rita Chhikara	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
10	Dr. Rita Chhikara	CSE	7th - 8th April, 2018	Workshop Big Data and Deep Learning	Intl.	IBM
11	Dr. Rita Chhikara	CSE	21st – 25th May 2018,	FDP on "Emerging Trends in Image and Text Analytics using Machine Learning",	Nat.	Bhartiya Vidyapeeth's College of Engineering, New Delhi
12	Dr. Rita Chhikara	CSE	4th -7th June 2018	Machine Learning & Deep Learning with Python	Nat.	Brain Mentors Pvt Ltd
13	Dr. Jyoti Sahni	CSE	7th - 8th April, 2018	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier
14	Dr. Jyoti Sahni	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
15	Dr. Jyoti Sahni	CSE	7th - 8th April, 2018	Workshop Big Data and Deep Learning	Intl.	IBM
16	Dr. Jyoti Sahni	CSE	4th -7th June 2018	Machine Learning & Deep Learning with Python	Nat.	Brain Mentors Pvt Ltd
17	Dr. Geetika Munjal	CSE	7th - 8th April, 2018	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier
18	Dr. Geetika Munjal	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd

19	Dr. Geetika Munjal	CSE	7th - 8th April, 2018	Workshop Big Data and Deep Learning	Intl.	IBM
20	Dr. Geetika Munjal	CSE	9-10th march, 2018	ICOEVCI-2018	Nat.	Manipal University Jaipur
21	Dr. Geetika Munjal	CSE	4th -7th June 2018	Machine Learning & Deep Learning with Python	Nat.	Brain Mentors Pvt Ltd
22	Dr. Jagdeep Kaur	CSE	7th - 8th April, 2018	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier
23	Dr. Jagdeep Kaur	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
24	Dr. Jagdeep Kaur	CSE	7th - 8th April, 2018	Workshop Big Data and Deep Learning	Intl.	IBM
25	Dr. Jagdeep Kaur	CSE	4th -7th June 2018	Machine Learning & Deep Learning with Python	Nat.	Brain Mentors Pvt Ltd
26	Dr. Jyotsna Singh	CSE	7th - 8th April, 2018	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier
27	Dr. Jyotsna Singh	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
28	Dr. Jyotsna Singh	CSE	7th - 8th April, 2018	Workshop Big Data and Deep Learning	Intl.	IBM
29	Dr. Jyotsna Singh	CSE	4th -7th June 2018	Machine Learning & Deep Learning with Python	Nat.	Brain Mentors Pvt Ltd
30	Dr. Kavita Khanna	CSE	7th - 8th April, 2018	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier
31	Dr. Kavita Khanna	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
32	Dr. Kavita Khanna	CSE	7th - 8th April, 2018	Workshop Big Data and Deep Learning	Intl.	IBM
33	Dr. Kavita Khanna	CSE	4th -7th June 2018	Machine Learning & Deep Learning with Python	Nat.	Brain Mentors Pvt Ltd
34	Ms. Suman Bhatia	CSE	7th - 8th April	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier
35	Ms. Suman Bhatia	CSE	21st – 25th May 2018,	FDP on "Emerging Trends in Image and Text Analytics using Machine Learning",	Nat.	Bhartiya Vidyapeeth's College of Engineering, New Delhi
36	Ms. Suman Bhatia	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
37	Ms. Suman Bhatia	CSE	7th - 8th April	Workshop Big Data and Deep Learning	Intl.	IBM
38	Ms. Suman Bhatia	CSE	4th -7th June 2018	Machine Learning & Deep Learning with Python	Nat.	Brain Mentors Pvt Ltd
39	Dr. Prachi	CSE	7th - 8th April	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier

40	Dr. Prachi	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
41	Dr. Prachi	CSE	7th - 8th April	Workshop Big Data and Deep Learning	Intl.	IBM
42	Dr. Prachi	CSE	4th -7th June 2018	Machine Learning & Deep Learning with Python	Nat.	Brain Mentors Pvt Ltd
43	Ms. Anuradha Dhull	CSE	7th - 8th April	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier
44	Ms. Anuradha Dhull	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
45	Ms. Anuradha Dhull	CSE	7th - 8th April	Workshop Big Data and Deep Learning	Intl.	IBM
46	Ms. Anuradha Dhull	CSE	4th -7th June 2018	Machine Learning & Deep Learning with Python	Nat.	Brain Mentors Pvt Ltd
47	Dr. Shilpa Mahajan	CSE	7th - 8th April	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier
48	Dr. Shilpa Mahajan	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
49	Dr. Shilpa Mahajan	CSE	7th - 8th April, 2018	Workshop Big Data and Deep Learning	Intl.	IBM
50	Dr. Shilpa Mahajan	CSE	4th -7th June 2018	Machine Learning & Deep Learning with Python	Nat.	Brain Mentors Pvt Ltd
51	Dr. Sumanlata Gautam	CSE	7th - 8th April, 2018	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier
52	Dr. Sumanlata Gautam	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
53	Dr. Sumanlata Gautam	CSE	7th - 8th April, 2018	Workshop Big Data and Deep Learning	Intl.	IBM
54	Dr. Sumanlata Gautam	CSE	4th -7th June 2018	Machine Learning & Deep Learning with Python	Nat.	Brain Mentors Pvt Ltd
55	Dr. Supriya Raheja	CSE	7th - 8th April	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier
56	Dr. Supriya Raheja	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
57	Dr. Supriya Raheja	CSE	7th - 8th April	Workshop Big Data and Deep Learning	Intl.	IBM
58	Dr. Supriya Raheja	CSE	4th -7th June 2018	Machine Learning & Deep Learning with Python	Nat.	Brain Mentors Pvt Ltd
59	Mr. Sandeep Singh	CSE	7th - 8th April	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier
60	Mr. Sandeep Singh	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
61	Mr. Sandeep Singh	CSE	7th - 8th April	Workshop Big Data and Deep Learning	Intl.	IBM

62	Mr. Sandeep Singh	CSE	4th -7th June 2018	Machine Learning & Deep Learning with Python	Nat.	Brain Mentors Pvt Ltd
63	Ms. Hitesh Yadav	CSE	7th - 8th April, 2018	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier
64	Ms. Hitesh Yadav	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
65	Ms. Hitesh Yadav	CSE	7th - 8th April, 2018	Workshop Big Data and Deep Learning	Intl.	IBM
66	Ms. Hitesh Yadav	CSE	4th -7th June 2018	Machine Learning & Deep Learning with Python	Nat.	Brain Mentors Pvt Ltd
67	Ms. Kanika Gupta	CSE	4th - 8th Sept, 2017	Workshop on E-Resources: A Gateway for Research	Local	Delhi Technological University, New Delhi
68	Ms. Kanika Gupta	CSE	13th - 16th Sept, 2017	International Conference on Advances in Computing, Communication and Informatics (ICACCI' 2017)	Intl.	Manipal University, Karnataka
69	Ms. Kanika Gupta	CSE	4th - 8th Dec, 2017	Workshop on Machine Learning in Predictive Modeling	Local	Delhi Technological University, New Delhi
70	Ms. Kanika Gupta	CSE	7th - 8th April, 2018	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier
71	Ms. Kanika Gupta	CSE	7th - 8th April, 2018	Workshop Big Data and Deep Learning	Intl.	IBM
72	Ms. Kanika Gupta	CSE	4th -7th June 2018	Machine Learning & Deep Learning with Python	Nat.	Brain Mentors Pvt Ltd
73	Ms. Neeti Kashyap	CSE	7th - 8th April, 2018	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier
74	Ms. Neeti Kashyap	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
75	Ms. Neeti Kashyap	CSE	7th - 8th April, 2018	Workshop Big Data and Deep Learning	Intl.	IBM
76	Ms. Neeti Kashyap	CSE	4th -7th June 2018	Machine Learning & Deep Learning with Python	Nat.	Brain Mentors Pvt Ltd
77	Dr. Vijendra Singh	CSE	7th - 8th April, 2018	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier
78	Dr. Vijendra Singh	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
79	Dr. Vijendra Singh	CSE	7th - 8th April, 2018	Workshop Big Data and Deep Learning	Intl.	IBM
80	Dr. Vijendra Singh	CSE	4th -7th June 2018	Machine Learning & Deep Learning with Python	Nat.	Brain Mentors Pvt Ltd
81	Ms. Mehak Khurana	CSE	7th - 8th April, 2018	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier
82	Ms. Mehak Khurana	CSE	24-25th Nov 2017	International Conference on Condensed Matter and Applied Physics	Intl.	Bikaner

83	Ms. Mehak Khurana	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
84	Ms. Mehak Khurana	CSE	7th - 8th April, 2018	Workshop Big Data and Deep Learning	Intl.	IBM
85	Ms. Mehak Khurana	CSE	4th -7th June 2018	Machine Learning & Deep Learning with Python	Nat.	Brain Mentors Pvt Ltd
86	Ms. Mehak Khurana	CSE	12-14 Oct 2017	International Conference on Computing and Communication Technologies for Smart Nation (IC3TSN 2017) IEEE	Intl.	G.D Goenka, Gurgaon
87	Ms. Meghna Sharma	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
88	Ms. Neha Sahu	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
89	Ms. Prerna Singal	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
90	Ms. Prerna Singal	CSE	7th - 8th April	International Conf on Computational Intelligence & Data Science (ICCIDS 2018)	Intl.	Elsevier
91	Ms. Priyanka Rastogi	CSE	7th - 8th April	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier
92	Ms. Priyanka Rastogi	CSE	7th - 8th April	Workshop Big Data and Deep Learning	Intl.	IBM
93	Ms. Priyanka Rastogi	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
94	Ms. Garima Sharma	CSE	14-16th March 2018	IndiaCom-2018	Nat.	BVICAM-New Delhi
95	Ms. Garima Sharma	CSE	7th - 8th April, 2018	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	Intl.	Elsevier
96	Ms. Garima Sharma	CSE	24-25th Nov 2017	International Conference on Condensed Matter and Applied Physics	Intl.	Bikaner
97	Ms. Garima Sharma	CSE	5th-10th June 2017	FDP on IOT Training Excellence	Nat.	Collabera Technologies Pvt. Ltd
98	Ms. Garima Sharma	CSE	7th - 8th April, 2018	Workshop Big Data and Deep Learning	Intl.	IBM
99	Ms. Garima Sharma	CSE	4th -7th June 2018	Machine Learning & Deep Learning with Python	Nat.	Brain Mentors Pvt Ltd
100	Dr. Rekha Vig	ECE	31-Aug-17	ISTC-2017	Intl.	IBM
101	Ms. Kusum Grewal Dangi	ECE	2 Sept, 2017	Journey of Science and Technology in India: A historical perspective	Nat.	NIGPR Delhi
102	Ms. Amanpreet,	ECE	13-17 Nov, 2017	Short Term Course on "Renewable and Clean Energy Technologies"	Nat.	NITTTR Chandigarh through ICT
103	Dr Vandana	ECE	13-17 Nov, 2017	Short Term Course on "Renewable and Clean Energy Technologies"	Nat.	NITTTR Chandigarh through ICT
104	Mr. Pankaj Rakheja	ECE	13-17 Nov, 2017	Short Term Course on "Renewable and Clean Energy Technologies"	Nat.	NITTTR Chandigarh through ICT
105	Mr. Saurabh Sachdeva	ECE	13-17 Nov, 2017	Short Term Course on "Renewable and Clean Energy Technologies"	Nat.	NITTTR Chandigarh through ICT

106	Dr Shaveta	ECE	30 Oct – 3 Nov 2017	Short Term Course on "Power Quality Monitoring and Analysis"	Nat.	NITTTR Chandigarh through ICT
107	Ms Naresh	ECE	30 Oct – 3 Nov 2017	Short Term Course on "Power Quality Monitoring and Analysis"	Nat.	NITTTR Chandigarh through ICT
108	Ms Amanpreet	ECE	30 Oct – 3 Nov 2017	Short Term Course on "Power Quality Monitoring and Analysis"	Nat.	NITTTR Chandigarh through ICT
109	Dr Nitin	ECE	30 Oct – 3 Nov 2017	Short Term Course on "Power Quality Monitoring and Analysis"	Nat.	NITTTR Chandigarh through ICT
110	All Faculty (15)	ECE	1 May, 2018	Workshop on NavIC	Local	Dr Nilesh M Desai (Deputy Director ISRO)
111	All Faculty (15)	ECE	1-7 June, 2018	FDP on Cutting Edge technologies	Local	Experts from Industry and Academia
112	Dr. Satnam Singh	ME	17th Sep to 20th Sep 2017	5th International Conference On Powder Metallurgy & Advanced Materials, Ropm&Am2017	Intl.	Technical University of Cluj-Napoca (Materials Science and Engineering Department), Cluj-Napoca, Romania
113	Dr. Arjyajyoti Goswami	ME	6th Dec to 8th Dec 2017	International conference on nanotechnology : Ideas, Innovations & Initiatives 2017	Intl.	Department of Mechanical and Industrial Engineering and Center of Nanotechnology, IIT Roorkee
114	Dr. Vikas Sharma	ME	22nd to 23rd March 2018	Computational Materials Science and Thermodynamic Systems	Intl.	CMST-2018, University of Cambridge, UK
115	Mr. Anmol Bhatia	ME	19th -20th January 2018	MIG/MAG and its Variants	Nat.	Indian Welding Society
116	Mr. Jag Parvesh Dahiya	ME	9-Feb-18	Fundamentals of Duct Design	Nat.	Delhi Chapter of Indian Society of Heating, Refrigerating and Air Conditioning Engineers
117	Dr. Kanu Priya	SOL	3rd and 4th Nov 2017	International Conference on Environment	Nat.	National Green Tribunal, New Delhi
118	Dr. Balwinder Singh	SOL	3rd and 4th Nov 2017	International Conference on Environment	Nat.	National Green Tribunal, New Delhi
119	Ms.Pallavi Bajpai	SOL	3rd and 4th Nov 2017	International Conference on Environment	Nat.	National Green Tribunal, New Delhi
120	Mr. Bilal Ahmed	SOL	3rd and 4th Nov 2017	International Conference on Environment	Nat.	National Green Tribunal, New Delhi
121	Mr. Navin Pal Singh	SOL	22-24 August 2017	National Workshop on Enforcement of Intellectual Property Rights	Nat.	Ministry of Commerce and Industry, Govt of India
122	Dr. Ruchi Nayyar	SOM	4-Aug-17	8th Indian Management Conclave 2017	Nat.	MBAUniverse,IIM Lucknow Campus -Noida
123	Dr. Ruchi Nayyar	SOM	31-Aug-17	IBM Solutions Technical Conference (ISTC) 2017	Nat.	Leela Palace, Bangalore
124	Dr. Preeti Chawla	SOM	23-Aug-17	4th National Summit on Non-banking Finance Companies (NBFC)	Nat.	ASSOCHAM at Hotel Imperial, New Delhi
125	Dr Sonali Yadav	SOM	2-3 Dec 2017	Case Method	Nat.	IIM Rohtak
126	Dr. Sushmita Waraich	SOM	8-9 March 2018	'Women as Critical Partners in an Egalitarian Society: An Evaluation of the Current Status in India'	Nat.	The NorthCap University, Gurugram

127	Dr. Sushmita Waraich & Dr. Mansi Khurana	SOM	14-Mar-18	4th National Leadership Conclave on 'India Reimagined: Innovative, Inclusive, Invincible'	Nat.	Hotel Le Meridien, New Delhi
128	Dr. Sushmita Waraich	SOM	27th & 28th Apr'18	Empowerment of Women Technocrats in R&D with special reference to manufacturing sector	Nat.	DST, Thiruvanthapuram, Kerla
129	Dr Nirupma Gupta, Dr Shilpa Sindhu and Ms Jiveta Chaudhary	SOM	1-May-18	Management Fest 'Mindkraft' – a fusion of skill, will and thrill	State	The NorthCap University, Gurugram

CONFERENCE PRESENTATIONS

Sr. No.	Faculty	Deptt.	Title of Paper	Conference Presentation	Intl./ Nat.	Organised by	Venue Details for Conference
1	**Jyotsna Singh**	CSE	Effect of Intrinsic Parameters on Dynamics of STN Model in Parkinson Disease: A Sensitivity Based Study	SoCTA (Soft Computing: Theories and Applications) 2016	Intl.	Amity University Jaipur	Jaipur
2	**Jyotsna Singh**	CSE	Analysis of the Firing Behavior of STN-GPe Network in Parkinson Disease	Second International Conference on Computing and Communication Systems, I3CS-2016	Intl.	NEHU (North Eastern Hill University) Shillong	Shillong
3	**Suman Bhatia*, Phool Singh** and **Prabha Sharma**	CSE	Hodgkin Huxley Model Revisited to Incorporate the Physical Parameters Affected by Anesthesia	SoCTA (Soft Computing: Theories and Applications) 2016	Intl.	Amity University Jaipur	Jaipur
4	**Hukum Singh**	APS	Asymmetric Optical Double Image Encryption Using Vortex Phase Mask in the Gyrator transform domain	Conference Presentation	Intl.	ICO The 24th Congress of the International commission of Optics	Keio Plaza Hotel, Tokyo, Japan
5	**Aditya Sharma**	APS	Lateral Flow Assay for Disease Detection	Conference Presentation	Nat.	The Energy Research Institute	TERI, New Delhi
6	Harshit Kumar and **Aditya Sharma**	APS	Atomism of Devices	Conference Presentation	Nat.	The Energy Research Institute	TERI, New Delhi
7	Kashish Kochar, **Aditya Sharma**	APS	Immunosensing Nanotechnology	Conference Presentation	Nat.	The Energy Research Institute	TERI, New Delhi
8	Praveen Kumar	SOL	Vicitms of Global Climate Change with reference to recent natural disaster	National Conference on Climate Change and Sustainable Development: Prespectives and Transformational Challenegs	Nat.	Department of Law, University of Jammu and National Law School of India University, Bengaluru	Department of Law, University of Jammu
9	Balwinder Singh	SOL	The National Food Security Act, 2013: India's Endeovour to End Hunger by Law	National Seminar on Mainstreaming of Marginals in India: Issues and Challenges	Nat.	University Institute of Legal Studies Panjab University, Chandigarh	University Institute of Legal Studies Panjab University, Chandigarh
10	Navin Pal Singh	SOL	Intricacies of Educational and Cultural Rights of Minorities in India: Efficacy of Constitutional Safeguards	National Seminar on Mainstreaming of Marginals in India: Issues and Challenges	Nat.	University Institute of Legal Studies Panjab University, Chandigarh	University Institute of Legal Studies Panjab University, Chandigarh
11	**Navin Pal Singh** and Manoram Tiwari	SOL	Constitutional Parameters and Intrecacies of Environmental laws in India	National Conference on Climate Change and Sustainable Development: Prespectives and Transformational Challenegs	Nat.	Department of Law, University of Jammu and National Law School of India University, Bengaluru	Department of Law, University of Jammu

12	Mehak Khurana and **Hukum Singh**	APS	A Spiral-Phase Masked For Securing Optical Image Encryption Based On Gyrator Transform	International conference on Advances in Optics and Photonics	Intl.	Guru Jambheshwar University of Science and Technology, Hisar	G JU Hisar
13	Pooanm Lata Yadav and **Hukum Singh**	APS	An Optical Asymmetric Cryptosystem Based On Fractional Fourier Domain Using Structures Phase Mask	International conference on Advances in Optics and Photonics	Intl.	Guru Jambheshwar University of Science and Technology, Hisar	G JU Hisar
14	Bulkesh Siwach, Devendra Mohan, A.K.Pundir, **Sunita Sharma** and Divya Jyoti	APS	Photovoltaic Performance Of TiO2/Carbon Nanocomposites As Working Electrodes For Dye-Sensitized Solar Cells	International conference on Advances in Optics and Photonics	Intl.	Guru Jambheshwar University of Science and Technology, Hisar	G JU Hisar
15	Deepika Gaur and **Sunita Sharma**	APS	Tailoring The Optical Properties Of TiO2/GrapheneTiO2 Based Electron Transport Layer For Perovskite Solar Cells	International conference on Advances in Optics and Photonics	Intl.	Guru Jambheshwar University of Science and Technology, Hisar	G JU Hisar
16	**Aditya Sharma**	APS	Quantum Dot Mediated Electrochemical Detection of Urinary Tract Infection	International Conference on Advances in Polymer Science and Technology	Intl.	Indian Institute of Technology Delhi	Radisson Blu Hotel, Dwarka, New Delhi
17	**Hukum Singh**	APS	Optical Image Encryption Using Hybrid Phase Masks In Fast Walsh-Hadamard Transform Domain	International conference on Advances in Optics and Photonics	Intl.	Guru Jambheshwar University of Science and Technology, Hisar	G JU Hisar
18	**Satnam Singh**	ME	Microwave Processing of Powder Metal Matrix composite Castings	5th International Conference on Powder Metallurgy and Advanced Materials	Intl.	Technical University of Cluj-Napoca,	Romania
19	**Arjyajyoti Goswami**	ME	Simulation and Experimental Characterization of Nanograting Array for Reflectance Reduction in C-Si	International Conference on Nanotechnology : Ideas, Innovations and Initiatives - 2017	Intl.	Dept. of Mechanical & Industrial Engineering and Centre of Nanotechnology	IIT, Roorkee
20	Manju Dabass, **Sharda Vashsith*** and **Rekha VIg**	EECE	Effectiveness of region growing based segmentation techniques for various medical images-A study	REDSET 2017	Intl.	GD Goenka University, Gurugram	GD Goenka University
21	Jyoti Dabass and **Rekha Vig***	EECE	Biomedical Image Enhancement using Different Techniques- A Comparative Study	REDSET 2017	Intl.	GD Goenka University, Gurugram	GD Goenka University
22	**Balwinder Singh**	SOL	Efficacy of International Rfugee Law in Dealing with Displaced Populations: A Study in Indian Prespective	18th APG Meet & International Conference on "Re-envisioning Globalization, Development and New World Order: Prespectives from Developing Countries"	Intl.	School of Arts and Language, Lovely Professional University	Phagwara, Punjab

23	Deepika* and **Hukum Singh**	APS	Study Of Optical Properties Of Se80-xTe20Bix (x = 0, 3, 9) Thin Films	ICSEM 2018	Intl.	Material Research Laboratory, School of Basic Sciences & Research, Sharda University, Greater Noida, India	Sharda University, Noida
24	Deepika Gaur and **Sunita Sharma**	APS	Tuning Of Optical And Structural Properties Of Gr-TiO2 Based Electron Transport Layer For Efficient Perovskite Solar Cell	Poster Presentation	Intl.	Material Research Laboratory, School of Basic Sciences & Research, Sharda University, Greater Noida, India	Sharda University, Noida
25	Amarpreet Singh, **Sunita Sharma**, Divyansh Mahajan, and Deepika Gaur	APS	Zinc Oxide Nanoparticles As Nanophosphors For Bioimaging Applications	Poster Presentation	Intl.	Material Research Laboratory, School of Basic Sciences & Research, Sharda University, Greater Noida, India	Sharda University, Noida
26	**Aditya Sharma**	APS	Electrochemical Detection of Urinary Tract Infection Using Quantum Dot Interface	Poster Presentation	Intl.	Jamia Millia Islamia	S. Ramanujan Block, Jamia Millia Islamia
27	**Payal Khurana**	CLL	Existential Odyssey of the Black Psyche	4th JGU International Literary Conference	Intl.	English Literay Society of O.P. Jindal University	O.P Jindal Global University, Sonipat
28	**Shrutimita Mehta**	CLL	Homogenizing Complexities in Post Colonial Feminism: A Critique on the Works of Namita Gokhale, Shashi Deshpande and Geetha Hariharan	4th JGU International Literary Conference	Intl.	English Literay Society of O.P. Jindal University	O.P Jindal Global University, Sonipat
29	**Divyabha**	CLL	A Postcolonial discussion on Ethics & Cultureof Diaspora in Works of Jhumpa Lahiri	4th JGU International Literary Conference	Intl.	English Literay Society of O.P. Jindal University	O.P Jindal Global University, Sonipat
30	**Payal Khurana**	CLL	Gender Disparity: A Dystopian Reality of Egalitarian Society	National Seminar on 'Women as Critical Partners in an Egalitaraian Society: An Evaluation of the Current Status in India'	Nat.	Association of Indian Universities and The NorthCap University	The NorthCap University, Gurugram
31	**Suman Bhatia*, Prabha Sharma** and **Phool Singh**	CSE/IT	Analyzing impact of temperature on axoplamsic fluid properties defining neuronal excitation	International Technology Congress 2017	Intl.	Technology Research Centre Pune	Ramee Grant Pune, India
32	**Suman Bhatia*, Phool Singh** and **Prabha Sharma**	CSE/IT	Spatio-Temporal Characterization of Axoplasmic Fluid Pressure with respect to Ionic Diffusivities	1st International Conference on Engineering Vibration, Communcation and Information Processing	Intl.	Manipal University, Jaipur	Manipal University, Jaipur
33	**Aditya Sharma Ghrera**	APS	Quantum Dot Self Assembly Based Interface for Electrochemical Immunosensing of Procalcitonin for the Detection of Urinary Tract Infection	International Conference on Recent Trends in Science & Technology -2018	Intl.	organized by International Institute of Research and Journals and Institute of Research and Publication.	radisson blu, dwarka, New Delhi

34	**Divyabha**	CLL	Egalitarianism, Humanism and Feminism: A search for Identity	National Seminar on 'Women as Critical Partners in an Egalitaraian Society: An Evaluation of the Current Status in India'	Nat.	Association of Indian Universities and The NorthCap University	The NorthCap University, Gurugram
35	**Subhradipta Sarkar**	SOL	The Bumpy Road Ahead in India's ABS Regime	Inception and Five Day Training the Trainers Workshop on "GoI-UNDP-GEF Project: Strengthening human resources, legal frameworks, and institutional capacities to implement the Nagoya Protocol"	Nat.	National Law School of India University, Bengaluru in association with United Nations Development Program	National Law School of India University, Bengaluru
36	Rohan Taneja and **Aditya Sharma**	APS	Implementing Nanotechnology To Diagnose and Destroy Cancerous Tumor	BIOTIKOS 2017 "Trends in Nanbiotechnology"	Nat.	The Energy Research Institute	TERI, New Delhi
37	Sahil Khurana and **Aditya Sharma**	APS	Nano-Plant Medic	BIOTIKOS 2017 "Trends in Nanbiotechnology"	Nat.	The Energy Research Institute	TERI, New Delhi
38	Shreya Khurana, Yashna Satyan and **Aditya Sharma**	APS	Application of Nanotechnology in Medicine	BIOTIKOS 2017 "Trends in Nanbiotechnology"	Nat.	The Energy Research Institute	TERI, New Delhi
39	Shruti Jain and **Aditya Sharma**	APS	Nanotechnology in Solar Cell	BIOTIKOS 2017 "Trends in Nanbiotechnology"	Nat.	The Energy Research Institute	TERI, New Delhi
40	Tanisha Gupta and **Aditya Sharma**	APS	Nanoparticle Mediated Targeted Drug Delivery	BIOTIKOS 2017 "Trends in Nanbiotechnology"	Nat.	The Energy Research Institute	TERI, New Delhi
41	Tushar Arora and **Aditya Sharma**	APS	Nanotechnoloy Pros and Cons to Agriculture	BIOTIKOS 2017 "Trends in Nanbiotechnology"	Nat.	The Energy Research Institute	TERI, New Delhi
42	**Rohit Singh Lather**	ME	Power generation using stubble - A sustainable solution for stubble burning in India	1st International Conference on New Frontiers in Engg, Science & Technology NFEST-2018	Intl.	Delhi Technological University, New Delhi	Delhi Technological University, January 8-12, 2018, New Delhi, India
43	Deborisha Dutta	SOL	The New Indian Feminities	International Conference on Human Rights and Gender Justice	Intl.	Youth for Human Rights International and Knowledge Steez at Indian Society of International Law, New Delhi	Indian Society of International Law, New Delhi
44	Rakhi Nangia, **Neeraj Kr. Shukla**, Ambika Sharma	EECE	Preparation, Structural and Dielectric Properties od Solution Grown Polyvinyl Alcohol (PVA) Film	IOP Conference Series: Materials Science and Engineering	Intl.	Hyderabad	Narsimha Reddy Engineering College, India
45	Shaifali Ruhil, **Neeraj Kr. Shukla**	EECE	Leakage Current Optiization in 9T SRAM Bit-Cell with Sleep Transistor at 45nm CMOS Technology	Recent Developments in Science, Engineering and Technology REDSET 2017 Springer CCIS series	Intl.	GD Goenka University, Gurugram	GD Goenka University

46	Ghanishtha Narang, **Mona Aggarwal**, Hemani Kaushal and **Swaran Ahuja**	EECE	Error Probability analysis of FSO Communication System using Differential Chaos Shift Keying	Signal Processing and Integrated Networks SPIN 2018	Intl.	Amity University, Noida	Amity University, Noida
47	Anshul Vats*, **Mona Aggarwal**, Swaran Ahuja	EECE	*Performance Analysis of Dual Relayed Three Hop Hybrid VLC/FSO/VLC Communication System*	IEEE Indiacom 2018	Intl.	Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM) A-4, Paschim Vihar, Rohtak Road, New Delhi	Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM) A-4, Paschim Vihar, Rohtak Road, New Delhi
48	**Rekha Vig**, Sachin SIngh Chauhan	EECE	Speech Compression using Multi-Resolution Hybrid Wavelet using DCT and Walsh Transforms	International Conference on Computational Intelligence and Data Science ICCIDS-18	Intl.	Elsevier	NCU
49	Alpa Choudhary, **Rekha Vig**	EECE	Face Recognition Using Multiresolution Hybrid Kekre-DCT Wavelet Transform Features with Multiclass ECOC Framework	International Conference on Computational Intelligence and Data Science ICCIDS-18	Intl.	Elsevier	NCU
50	Shradha Singh Parihar, **Nitin Malik***	EECE	Interval Arithmetic Power Flow Analysis of Radial Distribution System including Uncertainties in Input Parameters	IEEE 7th Int. Conf. on Power Systems	Intl.	IEEE	Pune University
51	Shradha Singh Parihar, **Nitin Malik***	EECE	Load Flow Analysis of Radial Distribution System with DG and Composite Load Model	Int. Conf. on "Power Energy, Environment and Intelligent Control	Intl.	IEEE	GL Bajaj Institute of Tech. & Mgmt., Noida
52	Jyotsna Singh	CSE	Effect of Na and K on Globus Pallidus Neuron in Parkinson's disease	Emerging Areas in Biosciences and Biomedical Technologies(eBBT 2018)	Intl.	IIT Indore	IIT Indore
53	Archana Sarma	SOL	Addressing False Charges in Criminal Justice System: Issues and Challenges in India	National conference on Wrongful Prosecution: Rights, Protection and Assistance	Nat.	K.L. Arora Chair in Criminal Law & Centre for Criminology & Victimology in association with Indian Society of Victimology	NLUD, New Delhi

RESOURCE PERSON

Sr. No.	Faculty Name	Conference/Event	Place	Role of faculty	Date	Nat./Intl.
1	Dr.Rekha Vig	14th IEEE Indiacom	BVICAM, New Delhi	Technical Session Chair	16 March, 2018	Intl.
2	Dr. Rekha Vig	International Conference on Computational Intelligence and Data Science (ICCIDS 2018)	NCU, Gurgaon	Technical Session Chair And Program Committee Member	8 April , 2018	Intl.
3	Dr. Mona Aggarwal	14th IEEE Indiacom	BVICAM, New Delhi	Technical Session Chair	15 March, 2018	Intl.
4	Dr. Shaveta Arora	14th IEEE Indiacom	BVICAM, New Delhi	Technicalprogram Committee Member	Mar-18	Intl.
5	Dr. Sharda Vashisth	International Conference On Recent Developments In Science, Engineering And Technology (REDSET 2017)	G D Goenka University, Gurugram	Technical Session Chair And Program Committee Member	Oct-17	Intl.
6	Dr. Sharda Vashisth	International Conference On Computing And Communication Technologies For Smart Nation (IC3TSN-2017)	G D Goenka University, Gurugram	Technical Session Chair And Program Committee Member	Oct-17	Intl.
7	Dr. Anjali Garg	International Conference On Computing And Communication Technologies For Smart Nation (IC3TSN-2017)	G D Goenka University, Gurugram	Technical Session Chair	12 Oct,2017	Intl.
8	Dr. Anjali Garg	International Conference On Recent Developments In Science, Engineering And Technology (REDSET 2017)	G D Goenka University, Gurugram	Technical Session Chair	13 Oct,17	Intl.
9	Dr. Kanu Priya	S.K. Puri Memorial Moot Court Competition-Justified, 2018	By Law Centre-II, Delhi University	Invited To Judge	24 March, 2018	Nat.
10	Dr. Kanu Priya	National Seminar On "Access To Justice: Right To Legal Aid And Legal Services In India"	RGNUL, Punjab	Chaired A Session	05 August,2017	Nat.
11	Dr. Kanu Priya	International Conference On Environment-2017	National Green Tribunal, New Delhi	In The Editorial Board	04-05 Nov., 2017.	Intl.
12	Dr. Praveen Kumar	3rd Amity National Moot Court Competition, 2018	School Of Law, Amity University, Gurugram	Invited To Judge	March 9-11, 2018	Nat.
13	Dr. Balwinder Singh	National Conference On Climate Change And Sustainable Development: Perspectives And Transformational Challenges	By Department Of Law, University Of Jammu And CEERA, NLSIU Bengaluru	Chaired Technical Session	7-8th Nov 2017	Nat.
14	Ms. Pallavi Bajpai	An International Seminar On Women And Law	Indian Law Institute In Association With Law Mantra.	To Chair A Technical Session	13th January, 2018	Intl.

15	Ms. Pallavi Bajpai	Event 'Debate: Satanic Verses' Which Was Conducted	Symbiosis, Noida	Was Invited To Judge	16 Feb, 2018	Nat.
16	Ms. Archana Sarma	Lecture On Nuances Of Forensic Science With Special Reference To Computer Forensics In Criminal Investigations	Students Of LL.M (Professional) Course	Delivered A Lecture	June 8 June,18	Nat.
17	Ms. Archana Sarma	National Conference On Wrongful Prosecution: Rights, Protection And Assistance"	The K. L. Arora Chair In Criminal Law, Centre For Criminology And Victimology In Association With Indian Society Of Victimology At National Law University, Delhi,	Acted As A Resource Person	18th November, 2017	Nat.
18	Ms. Archana Sarma	Workshop On Research Methodology	Symbiosis Law School, Hyderabad	Conducted Workshop	31 Aug – 2 Sept, 2017	Nat.
19	Mr. Subradipta Sarkar	Workshop On Research Methodology	Symbiosis Law School, Hyderabad	Conducted Workshop	31 Aug – 2 Sept, 2017	Nat.
20	Dr. Geetika	Workshop On Data Science	GB Pant College Of Engineering		24 Oct, 2017	Nat.
21	Dr.Rita Chhikara	Visited Amity University	Amity University	External Examiner For Major Projects	2 May, 2018	Nat.
22	Dr. Anil Kumar Mishra	International Conference On Recent Development In Science Engineering & Technology	G. D. Goenka	Chaired Two Technical Civil Engineering Sessions	13 Oct,2017	Intl.
23	Prof. Pramila	Pollution Control And Emission Monitoring World Conference 2018	Hotel Taj	Air Quality Expert	18-19 April, 2018	Nat.