



# **Annual Report 2018-2019**



**Baddi University of Emerging Sciences & Technology**  
**Baddi, Himachal Pradesh-173205**

# Annual Report

2018-2019



**BADDI UNIVERSITY OF EMERGING SCIENCES  
AND TECHNOLOGY**

**July 2018-June 2019**



## *Convocation “2019” at BUEST*



## CHAIRMAN's MESSAGE

### *Resilience in the face of the headwinds...*

Baddi University of Emerging Sciences and Technology is a university that celebrates creativity, innovation, design, and social research. The business of running a university can be a challenging one, but Baddi University is approaching its future strategically and from a student-centered perspective. The university is looking at the best new ways to promote lifetime learning in this region, including undergraduate and graduate degree programs, professional and continuing education, and a wide-ranging mix of public programming. For myself and my fellow trustees, it is important that Baddi University maintains a strong financial position so that these programs can be accessible to the most talented students, regardless of their individual financial backgrounds.



As chairman, I have had the opportunity to meet stimulating and accomplished faculty, dedicated staff, and creative and passionate students. These students are receiving a strong liberal arts educational foundation, as well as the skills and perspective they need for the emerging creative economy.

Baddi University's alumni will have much to contribute to the world around them. I look forward to seeing their accomplishments and seeing how their achievements improve the lives of others.

I congratulate all BUEST members, leadership team, and other staff members for making this year a happening one, that reflects through this Annual Report, I look forward to Baddi University's continued progress in the future annual report.

**Shri Ram Prasad Agarwala**

## CHANCELLOR'S MESSAGE

Baddi University of Emerging Sciences & Technology (BUEST) continued its commitment to equity, great teaching and learning, to bring forth future-ready professionals, innovators and entrepreneurs, together with leading edge research and innovation which will enhance the economic and social wellbeing of the communities we serve. It completed 18 years of its success during 2018.

With an element of uncertainty facing the higher education sector, it is important for BUEST to continue to build on the strong foundation of the last 16 years, while driving a bold and inspiring future for our regions and beyond.



BUEST members and the executive team have worked together to prepare a strong strategic plan, and under the Vice-Chancellor's leadership, the university is focused on delivering the outcomes to ensure the success and sustainability of BUEST.

Our success will be determined by the quality of our graduates and we are committed to providing a unique teaching and learning experience for our students. The extensive inclusion of work integrated learning ensures that the university produces highly qualified, work-ready graduates. It has been a great source of pride to see our staff and students recognized for their outstanding achievements during 2018.

BUEST will continue the momentum built in recent years under the leadership of Vice-Chancellor Professor Dr. T.R. Bhardwaj. Dr. T.R. Bhardwaj's vision and determination has proved the university its identity and growth as a world class institution and has firmly marked BUEST as a leader in equity, Indigenous education, regional transformation and global research.

I congratulate the Vice Chancellor and his team for their tireless efforts in creating a strong image of BUEST not only in India but also in abroad as the University of excellence in quality education and research which is reflected in the annual report of 2018-19.

**Shri Pradeep Srivastava**



## VICE CHANCELLOR MESSAGE

It is a pleasure to present the 2018-19 Annual Report for Baddi University of Emerging Sciences & Technology (BUEST). This report details the achievements and challenges of the last 12 months of Baddi University's successful role in the field of higher education. 2018-19 has been notable on a number of fronts. Baddi University has ranked A++ in All India B-School Survey by Chronicle. It's particularly gratifying to see that the university once again attracted the highest percentage of the top students' first preferences. Also notable was Baddi University's outstanding achievement in winning Excellence Award.



I have been consistently impressed by the dedication with which our academic and professional staff serves our community through education and research. The university continued to educate the high-performing, ethically aware professionals that government, industry and the third sector demands. Our research strength is helping to build collaborative engagement with industry, business and government partners. This assists our goal to link BUEST's research expertise with industry to commercialize innovative technologies so that business, industry and the community can benefit and profit from our front line research.

BUEST has initiated a very unique programme named Performance Enhancement Program (PEP) under the guidance of our Hon'ble Chancellor and imbibe the concept through Value Based Learning, Project Based Learning and Personality Development Program to bring out the best in students. The university met with some notable successes in our efforts to improve lives around the world by tackling great research challenges. To that end, we continued to strengthen our industry partnerships. The university undertook a number of initiatives to make our campus even more vibrant and stimulating.

BUEST has organized workshops on Human Values and Ethics to promote ethics and values in the students. The university undertook various initiatives to get rid of the menace of use of drugs by the students. The University ended the year in a sound financial position. It was a record year for fundraising, and we thank our stakeholders, alumni and other friends of the University for their Generous Support. These are only some of the highlights of a very successful year for BUEST.

I congratulate all BUEST members, leadership team and other staff on all that has been achieved, not only in 2018-19, but over the past years. However, based on the strong work done in 2018-19 and previous years, I am confident that Baddi University will continue to support the goals of the state and the nation with growing success into the future.

**Prof. (Dr.) T.R. Bhardwaj**

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# **PROFILE OF THE UNIVERSITY**

## **GENESIS**

The Society named Center for Advanced Studies in Engineering (CASE) was established on 2nd May, 2000 with a deep commitment to promote and propagate quality technical education. The commitment was translated into reality with the establishment of School of Engineering & Emerging Technologies (SEET) at Baddi in the year 2002.

The Society, through this institute, has been providing B.Tech. Engineering (Computer Science Engineering, Information Technology, Electronics & Communication Engineering, Mechanical Engineering, Electrical Engineering and MBA courses to the youth of Himachal Pradesh and other states of India. Two new departments, Computer Applications (offering MCA degree) and Civil Engineering (offering B.Tech. Degree) were added in the Institute in 2008. Over the years SEET achieved the status of a premier institute in imparting career oriented education in these fields.

In the year 2007, the Society established the School of Pharmacy and Emerging Sciences (SPES) and started 4-year B. Pharm. course from that year. In 2008, one more prestigious institute viz. School of Management Studies (SMS) was started offering MBA course. All these institutes comprised the CASE Group of Institutes. During the current year of report i.e. 2018-19, two new Schools viz, School of Agricultural Sciences and Nursing College were started were added to the university. The institutes of CASE Group are known for their academic excellence and their total commitment to superiority in technical and management education with holistic concern for quality of life, environment, society and ethics. Through continued efforts of the Management, the Society has been able to achieve the status of a university incorporating the CASE Group of Institutes, Baddi University of Emerging Sciences and Technology. This university will continue to promote effective and innovative learning methods by using latest technology.

## **VISION**

We are committed to be known for creating and imparting knowledge to prepare future ready professionals who would make positive impact in society.

## **MISSION**

We would achieve our vision through Learning, Ideation and Application of knowledge by:

1. Creating a state -of- the- art teaching learning process.
2. Creating stimulating environment conducive to out -of- box thinking.
3. Encouraging Industry oriented Project based learning.
4. Value based learning by imbibing core values of-
  - a) Respect for individual
  - b) Integrity
  - c) Credibility
  - d) Excellence.



## COLLABORATION

### International Tie-Up

Baddi University of Emerging Sciences & Technologies has signed an MOU with Stamford International University, Thailand to offer the following to the deserving students:

- To provide high quality education.
- Baddi University students to progress to programs of study at Stamford International University.
- To teach Stamford modules at Baddi University campus so that students can do part of their program at Baddi University and complete it at Stamford.
- 2+2(Undergraduate degree and MBA) program 1+2 (Undergraduate degree) program between Baddi University and Stamford.

### OUR INDUSTRIAL PARTNERSHIP

#### IBM-ICE Program

IBM-ICE is the Innovation Center for Education (ICE) at BUEST powered by the industrialized expertise of the IBMers of ICE team. The aim of this program is to develop a customized industry oriented curriculum that skillfully nurtures and mold the students into industry-ready professionals by focusing on real time learning via live projects, curriculum enablement and developments tuned to current industry needs and collaborative research.

#### INFOSYS CAMPUS CONNECT

BUEST has been associated with Infosys under Infosys Campus Connect program since 2008 enhancing the new ideology of bridging gaps between industry and campuses. BUEST is the advanced level academic partner of Infosys Ltd, and is registered for over 20 courses under this value added program. The collaborative effort by BUEST and Infosys ignites as inspirational spark in the students to blossom into competent professionals of future.



#### ‘UTKARSH’ PROGRAM

This program of TVS Motor Company Ltd, is specifically designed for undergraduate engineering students (pre-final year) from prominent engineering colleges in India. These young minds are given ample opportunities to pursue industry related projects both in their pre-final and final year in TVSM. They are tutored, mentored and guided by the best of talent & experience; thereby developing their inherent curiosity towards engineering and hone their skills to face the world after graduation. The best of the interns are extended PPO (Pre-Placement Offers) in their 7th semester.



### **EMPLOYABILITY SKILLS DEVELOPMENT (ESD) PROGRAM**

Zensar Technologies and Zensar Foundation offer its new program “Employability Skills Development (ESD) Program for training of fresh graduates towards better readiness for the IT industry, at no cost to the student. BUEST’s aim is to polish the students and make them industry ready in order to cater to the dynamic needs of today’s IT industry which requires competent, hands-on and able data and information Engineers.

### **STATUTORY REGULATIONS AND APPROVALS**

The University has been established under the “Baddi University of Emerging Sciences & Technology (Establishment & Regulation) Act” No. 21 of 2009 of Himachal Pradesh Government & approved by the UGC under sections 22 & 2 (f) of the UGC Act, 1956 and has the following approvals.



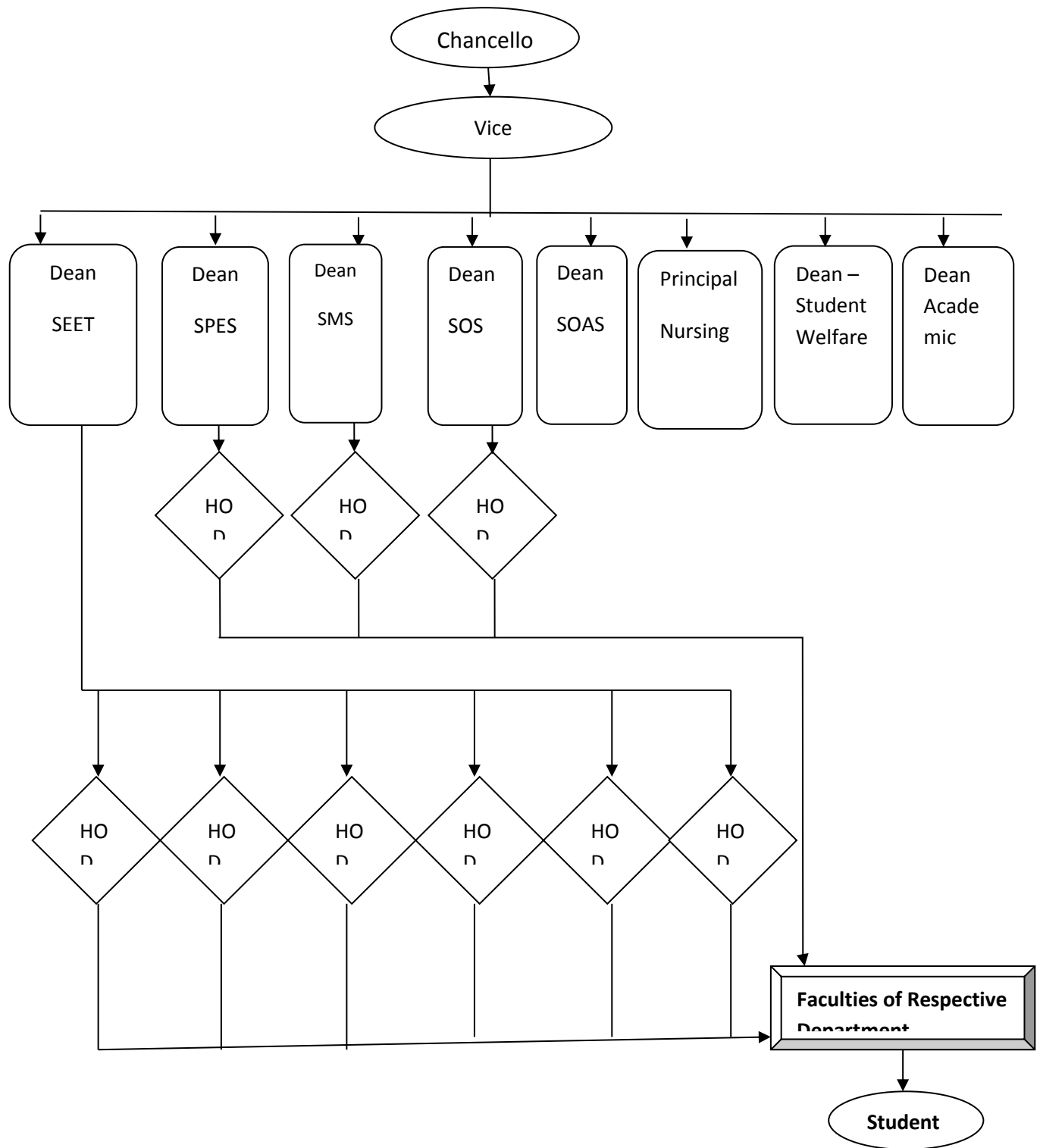
#### **UGC Approved**



#### **PCI Approved**



## ACADEMIC STRUCTURE



## **GOVERNING BODY**

Mr. Pradeep Srivastava – Chancellor (BUEST)	Chairman
Mr. Pawan Kumar Agarwala – Vice-Chairman (Sponsoring Body)	Member
Mr. Gaurrav Ram Jhunjhunwala – Member Secretary (Sponsoring Body)	Member
Prof.(Dr.) T.R. Bhardwaj – Vice-Chancellor (BUEST)	Member
Mr. Ajay Bansal	Member
Mr. K.D. Shreedhar	Member
Mr. Ajay Shrivastava	Member
Lt. Gen (Retd.) Dr. D.D. S. Sandhu	Member
Dr. T.R. Nandal – Registrar (BUEST)	Member Secretary



### Intake of students in diiefernt disciplines as per the approved strength

Course	Sanctioned				Admitted				Sanctioned
	2015-16	2016-17	2017-18	2018-19	2015-16	2016-17	2017-18	2018-19	2019-20
ECE	120	60	60	60	28	15	07	25	60
CSE	120	120	120	120	85	46	36	67	120
ME	180	120	120	60	58	35	29	36	60
EE	60	60	60	60	21	13	19	34	60
CE	120	120	120	60	58	39	23	37	60
Mecatronics	-	-	-	60	-	-	-	10	60
MCA	60	60	60	60	-	02	17	04	30
MBA	120	120	120	60	62	45	51	25	120
MBA (Executive)	-	-	-	-	-	-	-	-	30
D.Pharma	-	-	60	60	-	-	20	54	60
B.Pharma	60	100	100	100	60	100	77	100	100
M.Pharma Pharmaceutics	18	18	15	15	10	12	10	15	15
M.Pharma(Pharmaceu- Chemistry)	18	18	15	15	-	05	04	-	15
M.Pharma(Pharmacology)	-	-	-	15	-	-	-	05	15
<b><u>M.Tech (Regular)</u></b> EE, P. E. & Drives	18	18	18	18	9	03	03	03	18
CSE, Softw.Engg	18	18	18	18	8	06	02	04	18
ECE	-	18	18	18	03	02	01	-	18
ME, Robotics & Automation	18	18	18	18	8	01	-	-	18
ME, Produ. Engg.	18	18	18	18	10	03	01	-	18
CE ,Struct. Engg	18	18	18	18	12	04	03	05	18
BCA	60	60	60	60	14	09	07	13	30
B.Com (Hon)	60	30	40	40	12	22	25	33	60
B.Sc. (Med.)	30	-	30	30	-	-	25	30	60
B.Sc.(Non Med.)	30	30	30	30	9	08	12	08	30
B.Sc.(Chem)Hons	-	30	30	30	-	-	14	16	30
BBA (Hon)	60	60	30	30	25	19	10	25	30
M.Sc. Physics	-	-	30	30	-	-	04	06	30
Math	-	-	30	30	-	-	-	06	30
M.Sc. Chem	30	40	40	60	30	36	40	29	45
B.Sc Agriculture	-	-	-	60	-	-	-	45	60
B.Sc Nursing	-	-	-	40	-	-	-	35	60
Bachelor of Physiotherapy	-	-	-	-	-	-	-	-	40
Total	1236	1154	1278	1293	522	425	440	670	1418

### List of Faculty (2018-19)

S.No.	Name of the Faculty	Subject with specification	Designation/ Post (Prof./Assoc. Prof./Asstt. Prof.)	Qualification	Date of Appointment in the University
<b>BUEST Nursing College</b>					
1	Amarjit Kaur	Nursing	Principal	M.Sc. Nursing	01/02/2018
2	Komal Thakur	Nursing	Nursing Tutor	M.Sc. (Nursing)	17/10/2018
3	Sapna	Nursing	Nursing Tutor	M.Sc. Nursing	21/02/2018
4	Sapna Devi	Nursing	Nursing Tutor	Bsc. Nursing	12/07/2018
5	Sumita	Nursing	Assist. Professor	MSC (Nursing)	12/07/2018
<b>Civil Engineering Department</b>					
6	Lokeshwar Sharma	CE	Assist. Professor	M.Tech Civil	22/08/2018
7	Neha	CE	Assist. Professor	M.Tech.Civil	28/09/2017
8	Panshul Jamwal	CE	Assistan	M.Tech	22/08/2017
9	Rajan Deep	CE	Asstt. Prof.	M.Tech.	26/09/2017
10	Rohit	CE	Assist. Professor	M.Tech.Civil	22/08/2016
11	Satya Pal Singh	CE	Assist. Professor	M.Tech Civil	29/09/2017
<b>Computer Science &amp; Engineering Department</b>					
12	Aarchit Joshi	CSE	Assist. Professor	M.Tech (Computer Sc.)	23/01/2018
13	Akshita Kapila	CSE	Assist. Professor	M.Tech (Computer Sc.)	01/08/2018
14	Bharti	CSE	Assist. Professor	M.Tech (Computer Sc.)	10/08/2017
15	Chaitanya Thakur	CSE	Assist. Professor	M.Tecch.	28/01/2019
16	Nikita Malhotra	CSE	Assist. Professor	M.Tech (Computer Sc.)	17/08/2015
17	Nitin Kapoor	CSE	Assist. Professor	MTECH	23/01/2019
18	Parul Preet Singh	CSE	Assistant Professor	M.Tech	07/08/2009

19	Ashish Dutt Sharma	CSE	Asstt. Prof.	M.Tech.	12.08.2016
20	Priyanka Sharma	CSE	Assistant Professor	M.Tech (Computer Sc.)	28/07/2010
21	Promila Devi	CSE	Assist. Professor	M.Tech (Computer Sc.)	30/05/2018
22	Rachna Sharma	CSE	Assistant Professor	M.Tech (Computer Sc.)	23/08/2007
23	Rajesh Kumar Chaudhary	CSE	Assist. Professor	M.Tech (Computer Sc.)	26/08/2015
24	Renuka Rattan	CSE	Assist. Professor	M.Tech	03/09/2018
25	Ruchika Sharma	CSE	Assist. Professor	M.Tech (Computer Sc.)	03/10/2013
26	Shaveta Jain	CSE	Assist. Professor	M.Tech	20/02/2019
27	Tanu Minhas	CSE	Assist. Professor	MTECH	28/01/2019
28	Vibha Bhutani	CSE	Assist. Professor	MTECH	28/01/2019
<b>Electrical Engineering Department</b>					
29	Abhinav Dogra	EE	Assistant Professor	M.Tech (EE)	02/04/2013
30	Geena Sharma	EE	Assist. Professor	M.E Modular	05/08/2005
31	Ishan Thakur	EE	Assistant Professor	M.Tech (EE)	08/10/2012
32	Manisha Verma	EE	Assist. Professor	M.Tech	28/01/2019
33	Ruchika	EE	Assistant Professor	M.Tech (EE)	08/10/2012
34	Vandana Sharma	EE	Assist. Professor	M.Tech (EE)	18/04/2018
35	Vinod Kumar	EE	Assist. Professor	M.Tech.(Elec.Engg.)	19/04/2018
<b>Electronics &amp; Communication Engineering</b>					
37	Gurdeep Kaur	ECE	Assist. Professor	M.Tech (ECE)	16/08/2017
38	Akanksha Jetly	ECE	Assist. Professor	MTECH	21/08/2019
39	Jatinder Kaur	ECE	Assist. Professor	M.Tech (ECE)	16/08/2017
40	Kuldeep Singh	ECE	Assist. Professor	M.Tech (ECE)	01/07/2008
41	Pulkit Sharma	ECE	Assist. Professor	MTECH	15/03/2019

42	Navneet Kumar	ECE	Asstt. Prof.	M.Tech.	24.01.2019
43	Sanjeev Kumar	ECE	Assistant Professor	M.Tech (ECE)	01/11/2011
<b>Mechanical Engineering Department</b>					
44	Gaurav Soni	ME	Assistant Professor	M.Tech (ME)	01/02/2017
45	Khushmeet Kumar	ME	Associate Professor	PhD	18/09/2013
46	Mahesh Kumar	ME	Assistant Professor	M.Tech (ME)	15/01/2014
47	Manish Singh Dharmshaktu	ME	Assistant Professor	M.Tech	10/09/2012
48	Navdeep Sandhu	ME	Assistant Professor	M.E. (ME)	15/01/2014
49	Neha Sharma	ME	Assistant Professor	M.E. (ME)	04/08/2014
50	Sushma Singh	ME	Assistant Professor	M.Tech (ME)	27/05/2011
51	Vibhu	ME	Assistant Professor	M.Tech (ME)	14/07/2014
<b>School of Management Sciences</b>					
52	Abhishek Raizada	MBA	Dean MBA	PhD	26/12/2018
53	Alka Sood	MBA	Assistant Professor	MBA	18/08/2015
54	Avaneesh Chandra Kaushik	MBA	Assistant Professor	MBA	16/08/2007
55	Balraj Verma	MBA	Assistant Professor	MBA	08/02/2018
56	Bhavna Prashar	MBA	Assistant Professor	MBA	15/06/2010
57	Gurjeet Kaur	MBA	Assist. Professor	M.Phil (Com.)	27/08/2018
58	Poonam Kumari	MBA	Assistant Professor	Ph.D.	12/08/2011
59	Pritika Srivastava	MBA	Assist. Professor	MBA	04/02/2019
60	Rajeev Kumar	MBA	Assistant Professor	MBA	03/08/2011
61	Rajender Guleria	MBA	Professor/Dean	MBA	31/01/2014
62	Ravi Kumar	MBA	Assist. Professor	PhD	04/02/2019
63	Ruhi Sharma	MBA	Assistant Professor	MBA	19/01/2018



64	Saruchi	MBA	Lecturer	MBA	29/01/2016
65	Varsha Gupta	MBA	Assistant Professor	MBA	29/01/2013
<b>School of Agriculture Sciences</b>					
66	Ankita Sood	Agriculture	Assist. Professor	Ph.D	30/07/2018
67	Aradhana Dohroo	Agriculture	Assist. Professor	Ph.D.	29/05/2018
68	Jatinder Kumar Sharma	Agriculture	Professor/Dean	Ph.D.	16/04/2018
69	Manpreet Kaur	Agriculture	Assist. Professor	Ph.D.	04/02/2019
70	Mr. Munish Sharma	Agriculture	Asstt. Prof.	Ph.D.	20.05.2018
71	Mr. Nitish Kumar	Agriculture	Asstt. Prof.	Ph.D.	20.05.2018
<b>School of Sciences</b>					
72	Arush Sharma	Sciences	Assist. Professor	Ph.D.	03/09/2018
73	Gourav Gupta	Sciences	Assist. Professor	Ph.D.	25.08.2015
74	Deepak Verma	Sciences	Assist. Professor	M.Tech	17/08/2018
75	Dolly Prabhakar	Sciences	Lecturer	M.Sc.	03/08/2011
76	Dr. Sarvesh K. Sailesh	Sciences	Assist. Professor	Ph.D.	17.08.2016
77	Harpreet Kaur	Sciences	Lecturer	M.Phil	22/01/2013
78	Kumari Anupam	Sciences	Lecturer	M.Sc.	08/02/2017
79	Lal Krishan	Sciences	Lecturer	MSc (Physics)	12/02/2019
80	Neha Gupta	Sciences	Lecturer	M.Sc Maths	28/01/2019
81	Nidhi Gupta	Sciences	Assist. Professor	M.Sc.	01/08/2003
82	Nitee Singh	Sciences	Lecturer	M.Sc.	23/02/2018
83	Pallavi Bhardwaj	Sciences	Assistant Professor	Ph.D.	21/07/2014
84	Renu Bala	Sciences	Assistant Professor	Ph.D.	26/08/2015
85	Rishika Bhardwaj	Sciences	Assist. Professor	Ph.D.	05/09/2018

86	Shivangi	Sciences	Lecturer	MSc (Physics)	04/02/2019
87	Silky Bensal	Sciences	Lecturer	M.Sc.	09/02/2017
88	Suchi Sharma	Sciences	Lecturer	M.Sc.	13/08/2013
89	Vaishali Gautam	Sciences	Lecturer	M.A.	10/04/2019
90	Vivek Chaudhary	Sciences	Assistant Professor	M.Sc.	01/08/2003
91	Yougal Bansal	Sciences	Lecturer	M.Phil	28/01/2019
<b>School of Pharmacy &amp; Emerging Sciences</b>					
92	Alka Sharma	Pharmacy	Assistant Professor	M.PHARM	23/11/2016
93	Amanpreet Kaur	Pharmacy	Assist. Professor	M.Pharma	30/08/2018
94	Bandna Sharma	Pharmacy	Assist. Professor	M.PHARM	22/02/2018
95	Bhanupriya	Pharmacy	Assistant Professor	M.PHARM	22/02/2018
96	Disha Pathak	Pharmacy	Assistant Professor	M.PHARM	01/08/2017
97	Ladli Kishore	Pharmacy	Assistant Professor	Ph.D.	01/08/2017
98	Lalita Kumari	Pharmacy	Assistant Professor	M.PHARM	01/08/2017
99	Mukul Kaushik	Pharmacy	Assist. Professor	M.PHARM	30/01/2019
100	Neeru Malik	Pharmacy	Assistant Professor	M.PHARM	22/02/2018
101	Nitin Sharma	Pharmacy	Assistant Professor	M.PHARM	01/04/2015
102	Nitin Verma	Pharmacy	Professor	Ph.D	27/01/2011
103	Arun Kumar	Pharmacy	Asstt. Prof.	Ph.D.	16.08.2017
104	Parul Sood	Pharmacy	Assistant Professor	M. Pharama	02/08/2011
105	Prerna Thakur	Pharmacy	Assistant Professor	M.PHARM	23/11/2016
106	Ravinesh Mishra	Pharmacy	Associate Professor	Ph.D	16/08/2011
107	Saloni	Pharmacy	Assist. Professor	M. Pharama	22/02/2018
108	Sawati Sharma	Pharmacy	Assist. Professor	M.PHARM	03/09/2012

109	Shalini Sharma	Pharmacy	Assist. Professor	M.Pharma	31/08/2018
110	Sheetal Sharma	Pharmacy	Assistant Professor	M.PHARM	23/11/2016
111	Sumit Jamwal	Pharmacy	Assistant Professor	M.PHARM	01/08/2017
112	Tejvir Singh	Pharmacy	Professor Emeritus	Ph.D	12/03/2019
113	Tilak Raj Bhardwaj	Pharmacy	Dean-SPES	Ph.D.	01/09/2014
114	Vijay Kumar Kapoor	Pharmacy	Professor Emeritus	Ph.D.	04/04/2019
115	Neha Sharma	Pharmacy	Asstt. Prof.	M. ;Pharm.	01.02.2019

### IMPORTANT FUNCTIONARIES

Sr. No	Name	Designation	Contact No.	Email-id
1	Sh. Gaurrav Ram Jhunhunwala	Secretary (Sponsoring Body)	<b>01795 247353</b> Ext. 279	<a href="mailto:Gaurravrj24@gmail.com">Gaurravrj24@gmail.com</a>
2	Sh. Pradeep Srivastava	Chancellor	+918420136450	<a href="mailto:chancellor@baddiuniv.ac.in">chancellor@baddiuniv.ac.in</a>
3	Prof. (Dr.) T.R. Bhardwaj	Vice-Chancellor	01795-247882, <b>01795 247353</b> Ext. 275	<a href="mailto:vc@baddiuniv.ac.in">vc@baddiuniv.ac.in</a>
4	Dr. J. K. Sharma	Registrar	<b>01795 247353</b> Ext. 214, 01795-247884	<a href="mailto:registrar@baddiuniv.ac.in">registrar@baddiuniv.ac.in</a>
5	Sh. Narinder Sadana	Controller of Exams	<b>01795247353</b> Ext. 224	<a href="mailto:coe@baddiuniv.ac.in">coe@baddiuniv.ac.in</a>
6	Sh. Ratinder Chopra	Director, Finance	<b>01795 247353</b> Ext. 203	<a href="mailto:director.finance@baddiuniv.ac.in">director.finance@baddiuniv.ac.in</a>

## COURSES APPROVED, ELIGIBILITY & FEE STRUCTURE

SCHOOL OF ENGINEERING & EMERGING TECHNOLOGIES (SEET)			
Courses		Eligibility Criteria	Fee Structure
B Tech	ECE	Candidates must have passed 10*2 examinations or its equivalent from a recognized Board/ University with Physics and mathematics as compulsory subjects along with any one of the optional subjects: Chemistry/ Biology, Computer Science and Bio Technology. Admissions in the first instance will be made o the basis of JEE Mains Score.	90,500*
	CSE		
	ME		
	EE		
	Mechatronics	Remaining vacant seats will be filled in the basis merit in qualifying examinations approved by the Government.	
	CE		
Lateral Entry available for B.Tech			
MCA		Candidates must have passed graduation from a recognised University with mathematics in 10+2. Merit as per the marks obtained in qualifying examination.	77,000*
BCA		Candidates must have passed 10+2 examination or its equivalent from a recognised University/ Board Merit as per the marks obtained in qualifying examination.	34800*
M.Tech	Power Electronics & Drives (EE)	Gate Score  Remaining Vacant seats will be filled up on the basis of merit in qualifying examination.	60800*
	Electronics & Communication Engg. (ECE)		
	Computer Science & Engg. (CSE)		
	Software Engg. (CSE)		
	Production Engg. (ME)		
	Structural Engg. (CE)		
Ph. D	ECE	Seats and eligibility as per the approval from statutory body	
	ME		
SCHOOL OF SCIENCES (SOS)			
B.Sc(Non Med.)		• For B.Sc(Non-Medical), candidates must have passed 10+2 examination or its equivalent from a recognized	



	Board/University with Physics & Mathematics as compulsory subjects along with any one of the optional subjects: Chemistry/Biology/Computer Sciences/Bio-Technology. • Admissions will be made on the basis of 10+2 examination Merit.	34,800
B.Sc Chemistry (Hons)	Candidate must pass 10+2 examination or its equivalent from recognized Board/University with Chemistry as compulsory subject along with any one of the optional subject: Physics/ Mathematics/ Biology/Computer Sciences/Bio-technology. Admissions will be made on the basis of 10+2 examination merit	34,800
MSc Chemistry	For M.sc Chemistry, candidates must have passed B.Sc Medical or Non Medical with chemistry as one of the subject from recognized University.	10,100
MSc Mathematics	B.Sc in Maths.	35,600
MSc Physics	For M.sc Physics, candidates must have passed B.Sc Non Medical with Physics as one of the subject from recognized University	40,100
<b>SCHOOL OF MANAGEMENT STUDIES (SMS)</b>		
B COM	Candidates must have passed 10*+2 examination or its equivalent from a recognized University/ Board.	34,800
BBA	Admissions will be made on basis of 10+2 examination & Personal interview	34,800
MBA	Candidates must have completed graduation in any stream from any recognized university. Merit list will be prepared on the basis of weightage assigned to 10th, 10+2, Graduation and inference Test (CAT/AIMAT/HP-CMAT etc) marks and performance in group discussion & personal interview Remaining vacant seats will be filled based upon the merit in the qualifying examinations.	1,12,050
Ph.D	Seats & Eligibility as per the approval from statutory body	
<b>School of Pharmacy &amp; Emerging Sciences(SPES)</b>		

<b>B.Pharmacy</b>	Candidates must have passed 10*2 examination or its equivalent from a recognized Board/ University with Physics and Mathematics as compulsory subjects along with any one of the optional subjects: Chemistry/ Biology, Computer Science and Bio Technology. Merit in state Government Entrance Test/BUEST Entrance Test. Remaining vacant seats will be filled based upon the merit in the qualifying exams.	<b>95000</b>
<b>M.Pharmacy</b>	Candidates must have completed graduation (B.Pharm.) from any recognized University, with 50% marks	<b>1,10,300</b>
<b>Ph.D</b>	Seats & Eligibility as per the approval from statutory body	

### **STRENGTHS OF THE UNIVERSITY**

- The Legacy of IEET is being carried forward by BUEST.
- State of the art labs, workshops & virtual labs sharing with us.
- Industrial acclimatization through corporate guest lectures & industrial visits.
- Exclusive arena of learning at buest library with latest books & journals.
- Attractive scholarships over Rs. 1 crore per annum based upon merit as well as merit cum means.
- Extensive pre placement training & excellent placements.
- Free Education for girls under 'Betiyon Ki Bari' scholarship scheme.
- Safe and secure environment.

## **SCHOOL OF ENGINEERING AND EMERGING TECHNOLOGIES**

School of Engineering & Emerging Technologies earlier famous with the name Institute of Engineering & Emerging Technologies (IEET) was established in the year 2002 by a society named Center for Advanced Studies in Engineering (CASE), with a deep commitment to promote and propagate quality technical education.

The School has been offering following under graduate, post graduate & Doctoral courses:

### **B.Tech.**

- Computer Science Engineering
- Electronics & Comm. Engineering
- Electrical Engineering
- Mechanical Engineering
- Mechatronics Engineering
- Civil Engineering

### **M.Tech.**

- Computer Science Engineering(CSE)
- Power Electronics & Drives(EE)
- Electronics & Comm. Engineering(ECE)
- Software Engineering (CSE)
- Structural Engg. (CE)
- Production Engg. (ME)

### **C.A:**

- Bachelor in Computer Applications (BCA)
- Master in Computer Applications (MCA)

### **Ph.D.**

- Electronics & Comm. Engineering (ECE)
- Mechanical Engineering (ME)

## **COMPUTER SCIENCE & ENGINEERING DEPARTMENT**

### **PROFILE**

The computer science department strives for excellence in creating, applying, and imparting knowledge in computer science and engineering through comprehensive educational programmes, research in collaboration with industry and government dissemination through scholarly publications and serve to professional societies, the community, the state and the nation. Computer Science department has six well equipped Laboratories named Artificial Intelligence lab / Multimedia Lab/ Database management Systems lab/ Programming Lab with latest hardware and software's. A 125 Mbps leased line providing 24 hour Wi-Fi and Internet Facility throughout the campus.

### **ACADEMIC PROGRAMMES**

Computer Science and Engineering Department is running three academic programs.

- B.Tech (CSE) – 4 years
- M.Tech (Computer Science Engineering ) – 2 years

### **ACADEMIC ACTIVITIES**

- Board of Studies has been conducted to improve the syllabus of courses of B.Tech and M.Tech on 2/2/2018.
- To Ensure Proper Academic Discipline in Department, Corridor Duty Chart has been followed and  
Daily adjustments are being done by the Daily Adjustment In charges.
- Two Faculty Members are also the members of UDC(University Discipline Committee) to ensure proper discipline in university.
- **Collaborations(MOU's):-** Mou has been signed with Altruist technologies for final year students with stipend basis in May, 2019.
- **Pre Placement Classes:** PDP & Technical Preparatory session (morning & evening) session were conducted to brush up the skills of the final year CSE students.

From	For
25 August to 28 August, 2018	ORANGE
15 November to 29 November, 2018	ORANGE
21 st Jan, 19 to 29 th January, 19	AMAZON
6 th March to 8 th March, 19	NTT DATA

### **Workshops Conducted:**

- ❖ One day Workshop scheduled for the students of 3rd Semester CSE on 24/10/2018 to **Sebiz Infotech Pvt. Ltd.** was successfully conducted on Java GUI and its Collection Framework, Android Development. 40 students of B.Tech were there for a real industry exposure.

- ❖ One day workshop on **Core Java, Android, Python and Cloud Computing** for the Semester of 7<sup>th</sup> CSE on 20/11/2018 by **Sebiz Infotech Pvt. Ltd.** was successfully conducted. 60 students of B.Tech were there for a real industry exposure.
- ❖ One day workshop on **Java, Web & Mobile App development & Digital Marketing** for the Semester of 4<sup>th</sup> CSE on 21/02/2019 by **Impinge Solutions** was successfully conducted. 40 students of B.Tech were there for a real industry exposure.
- Internet bandwidth in the campus is 145 mbps providing 24 hours internet facility throughout the campus.
- **Project Based Industrial Training:-** Around 141 students of CSE and 17 MCA are involved in the Project based industrial summer training in **Front-end** Web Development Course (HTML, CSS, Javascript, Bootstrap, Angular JS) and **Back-end** Development Course (Python, MYSQL, Django) in different companies.

#### **Industrial Visit:-**

- ❖ An Industrial Visit scheduled for the students of 1st Semester CSE (IBM & Non - IBM) on 17/08/2018 to **CS Soft Solutions Pvt. Ltd.** was successful. 23 students of B.Tech were there for a real industry exposure.
- ❖ An Industrial visit and one day Workshop scheduled for the students of 3rd Semester CSE (IBM & Non - IBM) on 24/10/2018 to **Sebiz Infotech Pvt. Ltd.** was successful. 40 students of B.Tech were there for a real industry exposure.
- ❖ An Industrial Visit scheduled for the students of 5th Semester CSE (IBM & Non - IBM) on 14/09/2018 to Impinge Solutions was successful. 30 students of B.Tech were there for a real industry exposure.
- ❖ An Industrial visit and one day Workshop scheduled for the students of 7th Semester CSE (IBM & Non - IBM) on 20/11/2018 to **Sebiz Infotech Pvt. Ltd.** was successful. 25 students of B.Tech were there for a real industry exposure.
- ❖ An Industrial Visit scheduled for the students of 4th Semester CSE (IBM & Non - IBM) on 21/02/2019 to **Impinge Solutions** was successful. 32 students of B.Tech were there for a real industry exposure.
- ❖ An Industrial Visit scheduled for the students of 6th Semester CSE (IBM & Non - IBM) on 14/05/2019 to **Altruist** was successful. 20 students of B.Tech were there for a real industry exposure.
- ❖ An Industrial visit was conducted to **Impinge Solutions** on dated 05/04/2019 for CSE department students of 8<sup>th</sup> semester. 30 students of B.Tech were there for a real industry exposure to JAVA language as well as practical aspects of networking.



**Expert Talk:-**

- ❖ Expert talk on “PHP” conducted in CSE Department for 4 th and 6 th semester students on dated 3rd April, 19. Total 52 Students from CSE was present in an expert talk.
- ❖ Expert talk was conducted by Mr. Aaditya Khanna, Technology Analyst from Infosys on From College to Industry Transition and Experience for 8 th and 6 th semester CSE Students. Total 53 students were present.

Sr.No	Topic	Guest name/ Company Name	DATE
1	PHP	Solitaire Infosys Pvt. Ltd.	03/04/2018
2	College to Industry Transition and Experience	Mr. Aaditya Khanna, Technology Analyst from Infosys	08/04/2019

**Alumni Talk:-**

- ❖ An Alumni Talk was delivered by Ms. Akansha Sharma, Security Engineer in Tech Mahindra Limited, (Mohali) on "Cyber Security" for students of Computer Science & Engineering Department conducted on 19 November, 2018.
- ❖ Mr. Rahul Kaundal from ORANGE BUSINESS SERVICES, an alumni of Baddi University has given a talk(“Big Data”)on 17 th January, 19.

Sr.No	Topic	Guest name/ designation	DATE
1	Cyber Security	Ms. Akansha Sharma Security Engineer in Tech Mahindra Limited, (Mohali)	19/11/2018
2	Big Data	Mr. Rahul Kaundal System Analyst in ORANGE BUSINESS SERVICES	17/01/2019

**WORKSHOPS:-**

S.No	Name of workshop	Topic	Organization	Date
1.	1-Day Workshop on Programming In	Java GUI and its Collection	Sebiz Infotech Pvt. Ltd.	24/10/2018
2.	1-Day Workshop on Programming In	Core Java, Android, Python and Cloud	Sebiz Infotech Pvt. Ltd.	20/11/2018

S.No	Name of workshop	Topic	Organization	Date
3.	1-Day Workshop on Programming In	Java, Web & Mobile App development &	Impinge Solutions	21/02/2019

### **WEBINAR SERIES:**

Sr. No.	Name of Topic	Expert/ Organization	Date & Time	Classes
1.	Storage Structures in Database (Relational Database Management System)	<b>Dr. S. Srinath</b> (IIT- Madras)	10/10/2018 2:00 – 3:00	3 CSE (IBM & N-IBM)
2.	Ethernet CSMA-CD (Computer Networks)	<b>Prof. Sujoy Ghosh</b> (IIT- Kharagpur)	11/10/2018 2:00 – 3:00	5 CSE (IBM & N-IBM)
3.	Hill Climbing (Artificial Intelligence)	<b>Prof. Deepak Khemani</b> (IIT-Bombay)	12/10/2018 2:00 – 3:00	7 CSE (IBM & N-IBM)
4.	Functional Dependencies and Normalization (Relational Database Management System)	<b>Dr. S. Srinath</b> (IIT- Madras)	15/10/2018 2:00 – 3:00	3 CSE (IBM & N-IBM)
5.	Grammars and Natural Language Processing (Theory of Computation)	<b>Prof. Kamala Krithivasan</b> (IIT- Madras)	16/10/2018 11:00 – 12:00	5 CSE (IBM & N-IBM)
6.	Block Cipher Standards (AES) (Network Security)	<b>Dr. Debdeep Mukhopadhyay</b> (IIT- Kharagpur)	17/10/2018 11:00 – 12:00	7 CSE (IBM & N-IBM)

## **RESEARCH ACTIVITIES**

### **Ms. Renuka**

#### **Paper Published**

- Er. Ranish Kumar, Er. Renuka Rattan, “Analysis of Various Plant Disease Detection Techniques” International Journal of Computer Science and Mobile Computing, Vol.8 Issue.4, April- 2019, pg. 150-156
- Ranish Kumar, Renuka Rattan, “Textural Feature Analysis and Classification Method for the Plant Disease Detection” International Journal of Engineering Research & Technology, ISSN: 2278-0181 Vol. 8 Issue 05, May-2019, pg. 695-699

### **Mr. Ranish Kumar**

#### **Paper Published**

- Er. Ranish Kumar, Er. Renuka Rattan, “Analysis of Various Plant Disease Detection Techniques” International Journal of Computer Science and Mobile Computing, Vol.8 Issue.4, April- 2019, pg. 150-156
- Ranish Kumar, Renuka Rattan, “Textural Feature Analysis and Classification Method for the Plant Disease Detection” International Journal of Engineering Research & Technology, ISSN: 2278-0181 Vol. 8 Issue 05, May-2019, pg. 695-699

## **STUDENT ACHIEVEMENT’S:-**

<b>B.Tech-CSE 2015-2019 Batch</b>				
<b>Sr. No.</b>	<b>Bupin ID</b>	<b>Name of Student</b>	<b>CGPA</b>	<b>Passing Year</b>
1	15UCS039	Vishav Gupta	9.75	2019
2	15UCS060	Divya Rana	8.85	2019
3	15UCS035	Pranav Sangal	8.40	2019

**PLACEMENTS:-**

Sr no.	Name of the Company	Total number of students got placed	@ package
1.	Orange	05	3.9lakhs
2.	Varite	03	3.85lakhs
3.	NTT Data	01	3.5lakhs
4.	Cognizant	02	3.38lakhs
5.	VServ	02	3.35lakhs
6.	Trantor Software Pvt. Ltd.	02	2.4 Lakhs
7.	VeriKraft	01	3.25lakhs
8.	Capgemini	01	4 Lakhs
9.	Forbcorb	02	1.8 Lakhs
10.	Shoutlo	01	2.4 Lakhs
11	Teleperformance	02	1.6 Lakhs
12.	Xpanxion	01	3.5lakhs

**COLLABORATIONS (MOU's)**

- ❖ MoU Renewal with Infosys for campus connect program with BUEST was done on 17 th June.
- ❖ A Mou have been signed with Forbcorp Pvt. Ltd. for a student of CSE with a good stipend for 4 th year.
- ❖ A Mou have been signed with Altruist Technologies for a student of CSE with a good stipend for 4 th year.
- ❖ MOU is signed with Institution of Communication Engineers and Information Technologists (ICEIT)
- ❖ BUEST has been associated with Infosys under Infosys campus connect program since 2008 enhancing the new ideology of bridging gaps between industry and campuses. BUEST is the advanced level academic partner of Infosys limited and is registered for

over 20 courses under this value added program the collaborative effort by BUEST and Infosys ignites an inspirational spark in the students to blossom in to competent professional of future via following ways:

1. Annual meet with all members academic partners is organized annually to introspect the work of the past and future sessions
2. Regular webinars, seminar and FDP sessions by industry practitioners are organized by Infosys for both faculty and students
3. Frequent interaction of student with Infosys via an exclusive portal accelerated learning for students by encouraging them to participate in the “ASPIRATIONS 2020” – a programming contest for students of engineering colleges to prepare themselves to become smart professionals.

### **OTHER ACTIVITIES:-**

- ❖ **Gurukul Program:** Conducted in Bangalore on (Feb 7th to Feb 9th 2019) objective of the program to provide a platform top students to interact with SME’s of various industries. Students have panned discussion and industrial visit to same industries.
- ❖ **Student innovation club** of the department has been created with the motive to organize varieousevents like hands on session on IOT, workshop on home automation and python to develop new projects.
- ❖ **PBL:** - Projects were allocated to the students of 4<sup>th</sup> and 6<sup>th</sup> semester CSE under PBL Program.
- ❖ **Pre Placement Classes:** Pre Placement Technical classes were also organized in the department for brush up the skills of the students for the placement.

### **Commemorative events (Celebrations)**

- **International Yoga Day Celebration:-**Various Faculty and staff members of the department attended International Yoga Day Celebration on 21/06/2019 in the university campus.
- **International Women Day Celebration:** -Various Faculty and staff members had attended and participated in an International women’s day that had been celebrated in the University on 8<sup>th</sup> March, 2019.

## **DEPARTMENT OF COMPUTER APPLICATIONS**

### **PROFILE**

The Department of Computer Applications at SEET was established in the year 2008 with a vision to educate the youth who have zeal to explore the aspects of Computing, to make them responsible global citizens and future leaders through a challenging learning environment informed by avant-garde scholarship. Being the part of Baddi University we are deeply committed to serve the country and the citizens. We realize our responsibility to bring knowledge and innovation home to elevate the quality of lives of those who have shown faith and priceless understanding through the years. This measure of public trust and shared responsibility guides our decision-making as well as our vision for the future.

#### **1. Academic Programs:**

- ❖ BCA(3 years)
- ❖ MCA(3 years)
- ❖ MCA(Lateral entry-2years)

#### **2. Faculty Members:-**

- ❖ 2 Assistant Professor

#### **3. Papers Published:**

#### **Mr. Ranish Kumar**

- ❖ Er. Ranish Kumar, Er. Renuka Rattan, “Analysis of Various Plant Disease Detection Techniques” International Journal of Computer Science and Mobile Computing, Vol.8 Issue.4, April- 2019, pg. 150-156
- ❖ Ranish Kumar, Renuka Rattan, “Textural Feature Analysis and Classification Method for the Plant Disease Detection” International Journal of Engineering Research & Technology, ISSN: 2278-0181 Vol. 8 Issue 05, May-2019, pg. 695-699

#### **4. Industrial Visit:-**

- An Industrial visit cum one day educational tour was conducted to SEBIZ ,Mohali on dated 24/08/2018 for 1<sup>st</sup> , 3<sup>rd</sup> and 5<sup>th</sup> semester students of BCA .
- An Industrial visit cum one day educational tour was conducted to Netmax Technologies, Chandigarh on dated 27/03/2019 for 2nd, 4th and 6th semester students of BCA and 4th semester students of MCA, making total of 24 students.

#### 5. Expert Talk:-

Sr.N	Topic	Guest name/ Company Name	DATE
1	PHP	Solitaire Infosys Pvt. Ltd.	03/04/2018
2	College to Industry Transition and Experience	Mr. Aaditya Khanna, Technology Analyst from Infosys	08/04/2019

#### 6. Alumni Talk:-

Sr.N	Topic	Guest name/ designation	DATE
1	Cyber Security	Ms. Akansha Sharma Security Engineer in Tech Mahindra Limited, (Mohali)	19/11/2018
2	Big Data	Mr. Rahul Kaundal System Analyst in ORANGE BUSINESS SERVICES	17/01/2019

#### 7. Achievement of Students:-

Students of MCA department went to companies and made projects in different technologies. Few of them are:-

Sr. No.	Bupin ID	Name	Project Name
1	17LCA001	Mohini	“Event Go”
2	16PCA001	Anil Kumar	“Secure Child - Children Tracking Android Application”
3	17LCA012	Tammana	“ELECTRONIC GADGETS”
4	16PCA002	Sangeeta Mehta	“SLICK TEXT”
5	17LCA008	Shikha Sharma	“BOOK CLUB”
6	17LCA016	Pooja	“ONLINE ATTENDANCE



			SYSTEM”
7	17LCA009	Shilpa Sharma	“E-SHOPPING”
8	17LCA002	Mohit Sharma	“CAR RACING”

**Result:**

<b>MCA 2017-2019 Batch</b>				
<b>Sr. No.</b>	<b>Bupin ID</b>	<b>Name of Student</b>	<b>CGPA</b>	<b>Passing Year</b>
1	16PCA002	Sangeeta Mehta	9.02	2019
2	17LCA001	Mohini	8.96	2019
3	17LCA018	Nipun	8.78	2019
4	17LCA008	Shikha Sharma	8.76	2019
<b>BCA 2017-2019 Batch</b>				
1	16UCA002	Mona Singh	7.77	2019
2	17UCA003	Ajay Rana	7.12	2019

**Commemorative events (Celebrations)**

- **International Yoga Day Celebration:-**Various Faculty and staff members of the department attended International Yoga Day Celebration on 21/06/2019 in the university campus.
- **International Women Day Celebration: -**Various Faculty and staff members had attended and participated in an International women’s day that had been celebrated in the University on 8<sup>th</sup> March, 2019.

## **ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT**

### **PROFILE**

The department of Electronics and Communication engineering has been playing a vital role in producing scientists and technologists of highest calibre ever since it was established in the year 2002. Students pursuing B.Tech in Electronics and Communication have a full and flexible undergraduate curriculum. Numerous streams can be tailored to fit every individual's interests, skills and career goals. The department has been continuously striving for excellence in engineering education. The department has always been on a path to keep pace with the ever increasing importance of the major disciplines of study and current technology trends. The programme emphasizes the basics of Electronics, Computers, Communication Engineering and Instrumentation. Department of Electronics and Communication imparts high quality education and enables innovation, research and teamwork capabilities to students so that they can serve diverse needs of society. Electronics and Communication Engineering Department has good and consistent placement record with students placed in many Core and IT companies.

The department is well equipped with modern laboratory facilities and good infrastructure.

#### **Hardware Labs:**

- Basic Electronics Engineering lab
- Communication Systems Lab
- Linear Integrated Circuits Lab
- Electronics Measurement & Measuring Instruments Lab
- Electronic Devices & Circuits Lab
- Digital Electronics & Microprocessors Lab
- Microwave Engg. Lab
- Optical Fiber Communication Lab

#### **Softwares Available:**

- LabView
- MATLAB
- Xilinx
- MultiSim

### **ACADEMIC PROGRAMMES**

Electronics & Communication Engineering Department is running following academic programs:

- B.Tech (Electronics & Communication Engineering) – 4 years

## **ACADEMIC ACTIVITIES**

### **SEMINAR/CONFERENCES/WORKSHOP/ FDPs ORGANISED**

<b>S.No.</b>	<b>Topic</b>	<b>Organisation</b>	<b>Date</b>
1	Introduction to MATLAB & Fuzzy Logic Toolbox	ECE, BUEST	6 <sup>th</sup> -7 <sup>th</sup> March 2019
2	PCB Designing	ECE, BUEST	9 <sup>th</sup> March 2019
3	Introduction to PLC, SCADA, Drive Communication and Industrial Automation	Siemens, Panchkula	17 <sup>th</sup> April 2019

### **GUEST LECTURES**

<b>S. No.</b>	<b>Name</b>	<b>Organization</b>	<b>Topic</b>	<b>Date</b>
1	Dr.Sanjeev Kumar	Scientist C, CSIO Chandigarh	Biomedical Signal Processing	16 <sup>th</sup> Feb 2019

### **INDUSTRIAL VISITS/ EXCURSIONS**

<b>S.No.</b>	<b>Semester</b>	<b>Place</b>	<b>Date</b>
1	5 <sup>th</sup> & 7 <sup>th</sup>	Seimens Panchkula	28 <sup>th</sup> Nov 2017

### **STUDENTS' ACHIEVMENTS**

<b>2015(BATCH)</b>			
<b>S. No</b>	<b>Student Name</b>	<b>Roll No</b>	<b>CGPA</b>
1	Adarsh	17UEC001	9.2
2	VivekDhiman	17UEC009	8.5
3	SourabhJaswal	17UEC007	8.3

<b>2016(BATCH)</b>			
<b>S. No</b>	<b>Student Name</b>	<b>Roll No</b>	<b>CGPA</b>
1	Abhishek	17LEC001	9.11
2	Nitesh Kumar	16UEC002	8.74
3	Jayesh Jain	16UEC003	8.63

### **PLACEMENT RECORD**

<b>Sr.No.</b>	<b>Company</b>	<b>No. of Students placed</b>
1	Cinif Technologies	02
2	Recorders & Medicare Systems Chandigarh	03
3	Orange Business Services Gurgaon	01

## ALUMNI TALK

Sr.No.	Topic	Guest name/ designation	DATE
1	<b>Network Operations &amp; maintenance</b>	Mr.MadhavKatoch/ NOC (Network Operating Center) Engineer,Orange Business Services	27 <sup>th</sup> Mar 2019
2	<b>Network Operations &amp; maintenance</b>	Ms.DeepaRana/ Assistant NOC (Network Operating Center) Engineer, Orange Business Services	27 <sup>th</sup> Mar 2019

### CLUBS FORMED IN THE DEPARTMENT:

#### **1. “ARTONICA”:- To exhibit the talent of students in a field of art.**

Aesthetic club “**Artonica**” has been formed in ECE Dept. This club aims to bring out creativity in students and bring them together to showcase their talent in the field of art. For Example, with so many nations of the world driving on the road to economic development and technology ever advancing, the search for solutions to the e-waste problem is a multi-faceted endeavor. E-waste is a term used to cover almost all types of electrical and electronic equipment (EEE). It includes activities dealing with the creation of **art** with waste materials within the frame on the Comenius project "Nature for Humans, Humans for Nature".

#### **2. “ELECTROKRITI”:-**

The Cultural Club has the important responsibility of keeping their fellow students entertained. It consists of activities like Music, dance and nuded natak, etc. Apart from providing a forum for the accomplished singers and musicians of the campus to showcase their talents, it also provides teaching lessons for those interested in learning to play instruments and come up with original compositions.

#### **3. THE SKYWALKERS: Ability to Navigate “HEIGHTS”**

The Electronics sports club “**The Skywalker**” is a club for the purpose of playing one or more sports. Every dream needs to be driven by passion to make it come true. This Sports Club is one such dream, formed by keeping sheer passion for the gentleman’s. A Sport Club is a student organization formed by individuals motivated by a common interest and desire to participate in a favourite sport activity.

The campus sport club provides recreational participation opportunities and encourages students to try something new. It is a great opportunity for students to make new friends or have a bit of fun while on campus. The activities, which include leagues and tournaments, are all about participating in friendly competitions and learning new skills.

#### **4. ELECTROVATE – Innovate to dominate in electronic world**

The Electronics Technical Club “**Electrovate**” is a hobby group that aims to teach and help people understand the seemingly incomprehensible electronic gadgets in the world today, and also assists people in developing their own devices. To this end, various lectures, workshops, projects as well as competitions throughout the year concerning both analog as well as digital electronics keep the calendar busy and the participants, learning. In this rapidly moving world, where everyday a new technology comes into existence, it is extremely hard to keep abreast with all the technical know-how, but if our basic concepts are intact then we can aim for the top. Innovation, Imagination and Application is our motto.

## **DEPARTMENT OF CIVIL ENGINEERING**

### **PROFILE**

Civil Engineering is the art of directing the great sources of power in nature for the use and convenience of man; being that practical application of the most important principles of natural Philosophy which has in a considerable degree realized the anticipations of Bacon and Changed the aspect and state of affairs in the whole world. It refers to the practice of organizing the design and construction of any artifice which transforms the physical world around us to meet some recognized need.

Department of Civil Engineering, established in the year 2008, under the aegis of Baddi University of Emerging Sciences and Technology, Baddi can boast of its state of art Infra-structure, well equipped laboratories, an exclusive computer lab with latest Civil Engineering software's and not to mention the vastly experienced faculty having international exposure to their credit. The aim of the department is to impart quality education and groom budding Civil Engineers to be effective contributor to the society, nation and the world as a whole. At present department runs four year program leading to the award of bachelor's degree in Civil Engineering and has started M.Tech program in Structure Engineering.

### **ACADEMIC PROGRAMMES**

- **Department of Civil Engineering** offers a full-time, four-year B.Tech program. This course inculcates in students the skills of management through a real-world curriculum in order to prepare them for managing every aspect of Civil Engineering, and for its growth and stability, depending on the overall goals.
- **Master of Technology** offers a full time Post graduation Program Structural Engineering

### **LABORATORIES/FACILITIES**

- **Structure Analysis Lab.:** Civil Engineering is basically associated with the analysis of structural components like beams, columns etc. These components are tested in the SA- Lab.
- **Soil Mechanics Lab.:** Foundation of the building is laid over the soil which bears the complete load of all the components of the building. Bearing capacity of the soil is tested in the soil mechanics lab.
- **Concrete Lab.:** Concrete is the core material for the construction of a building which is test in the Concrete lab. For finding out its various mechanical properties.
- **Highway Engineering Lab.:** The Highway Engineering Laboratory is a teaching and research laboratory equipped to conduct standard tests for asphalt pavement design and paving materials for undergraduate teaching, as well as advanced research oriented experiments for assessing the engineering properties and behaviors of new paving materials. It is also well equipped to support research activities in the area of non-destructive field evaluation of in-service road and airport pavements. In addition, the laboratory carries a good

collection of in-house developed software for closed-form analysis of pavement responses under traffic and thermal loadings, pavement properties back calculation, and laboratory and field permeability determination of porous pavement materials.

- **Surveying Lab.:** The Surveying Lab is equipped with the instruments and tools that students use throughout the surveying course. Students learn techniques for gathering field data with both traditional and modern instruments and demonstrate their proficiency on weekly lab exercises and a comprehensive semester project and final exam. Each lab group - typically three students has a dedicated set of instruments to use, including auto level, theodolite, and total station. Each group also has level rods, tripods, tape measures, chaining pins, and other common surveying tools and ancillary equipment.
- **Fluid Mechanics Lab.:** The Fluid Mechanics Laboratory is an integral part of the Civil Engineering Department and Fluid Mechanics Lab is to run demonstrative experiments to Civil and Mechanical students. The Fluid Mechanics course is an introduction to the mechanics of incompressible and compressible fluids. It covers the principles and more important theories of modern fluid mechanics. The Fluid Mechanics Laboratory course is an indispensable supplement to the theory. It covers measuring devices and techniques, error analysis in experimental works and analysis of assumptions in the theory of fluid mechanics.
- **Civil Software Lab.:** This lab deals with the software's associated with Civil Engineering. It is having STAAD Pro. Vi8 Version and AutoCAD Latest Version for the advanced learning of students

## ACADEMIC ACTIVITY

### Webinar/Seminar and Workshop

Sr. No.	Name of Webinar/ Workshop	Date	Invited Speakers
1	Webinar on Design of an Earthquake resistant building.	20/08/2019	IIT Roorkee, webinar on Design of an Earthquake resistant building.
2	Webinar on Design of High-Rise Building in STAAD Pro.	05/09/2018	IIT Kanpur, webinar on Design of High-Rise Building in STAAD Pro.
3	CIZ, Chandigarh	11/09/2018	CIZ, Chandigarh student interaction on the designing software (Auto-Cad, Staad-Pro, E-tabs, MSP) in civil related structures.
4	'Opulent Technologies Chandigarh	29/1/2019	Seminar presented by the 'Opulent Technologies Chandigarh' on the civil related software usage to the 8CE students organized by the department

5	'Innovation and Design Technologies Chandigarh'	30/1/2019	Seminar presented by the 'Innovation and Chandigarh' on the civil related software usage to the 4CE students organized by the department.
8	TCIL-IT Chandigarh	31/1/2019	Seminar presented by the 'TCIL-IT Chandigarh' on the live projects based industrial training to the 4CE/6CE students organized by the department.
9	Opulent Technologies Chandigarh	1/02/2019	Seminar presented by the 'Opulent Technologies Chandigarh' on the civil related software usage to the 8CE, 6CE students organized by the department.
10	ECG, Chandigarh	19/02/2019	Seminar presented by the ECG, Chandigarh on how to strategize for the GATE, IES EXAM
11	IIT faculty Roorkee	26/3/2019	Seminar presented by the IIT faculty on the SOM/FM basics to the 4CE students organized in the department.
12	IIT-Delhi faculty Mr. KVL Subramanyam	28/3/2019	Webinar presented by the IIT-Delhi faculty Mr. KVL Subramanyam on "Effect of mineral admixture on the concrete" to the 4CE/6CE/8CE students organized by the department.
13	GSreenivasa Head of RMD Ultratech Cement	9/04/2019	Webinar was conducted on the topic of White topping by GSreenivasa Head of RMD Ultratech Cement
14	Dr. Savita Rani Placement Head RIT Bangalore	23/04/2019	Students attended a seminar on Life Skills organized by TPO Department. Speaker was Dr. Savita Rani Placement Head RIT Bangalore
15	Ultratech Cement	29/05/2019	A Webinar conducted by Ultratech Cement on the topic of Pre stress Concrete.

### **INDUSTRIAL VISIT**

Sr. No.	Company name	Year	Date	Name of the Industry Visited	Name of the Faculty Members Visited
1	Asian concrete and cement plant'	B.Tech (Semester 5CE)	23/10/2018	Asian concrete and cement plant	Er. Satya Pal
2	'Prism RMC	B.Tech	25/10/2018	'Prism RMC plant'	Er. Ankush Sharma



	plant' in DeraBassi.	(Semester 3CE)		in DeraBassi.	
3	Shivalik Waste Management Plant.	B.Tech (Semester 4CE)	13/3/2019	Shivalik Waste Management Plant.	Er. Satya Pal
4	Ultra tech Plant Bagha Solan HP	B.Tech (Semester 6CE)	29/3/2019	Ultra tech Plant Bagha Solan HP	Er. Satya Pal/Er Lokeshwar Sharma
5	SYN Ambala	B.Tech (Semester 8CE)	9/04/2019	SYN Ambala	Er Satya Pal

### EXPERT LECTURES

Sr. No.	Type	TOPIC	Month
1	CAD software's. Innovation and Technologies, Chandigarh	AUTO CAD Seminar on benefits of using CAD software's Innovation and Technologies, Chandigarh	28/08/2018
2	CIZ Chandigarh	Auto-Cad designs in civil structures for the 4 <sup>th</sup> year students)	4/09/2018
3	Cadd centre	Cadd centre expert lecture on the 'Emerging Trends in Engineering' for the 2 <sup>nd</sup> and 3 <sup>rd</sup> year students.	26/09/2018
4	Er. Jagjeet Singh	Guest Lecture by Er. Jagjeet Singh on the topic maintenance and Rehabilitation of concrete Structure. CCET Chandigarh	26/09/2018
5	Cadd centre	'Emerging Trends in Engineering' for the 2 <sup>nd</sup> and 4 <sup>th</sup> year students.	23/10/2018
6	Gate Revolution	Recent changes in Gate Exam	15/04/2019
7	Engineers career Group	Prestressed Concrete Structure	15/04/2019

## **OTHER ACTIVITIES**

- 1) 10<sup>th</sup> Civil Engineering day' (17<sup>th</sup> October, 2018) was celebrated in the CSELawn. This event included various technical, cultural, sports and fun activities to showcase the strength of CivilEngineers in engineering field.
- 2) Students of Civil Engineering participated in LAKSHAYAnnual sports meet.
- 3) MOU with the 'Oppulent Technology Chandigarh' for the Civil related software training is signed15/3/2019
- 4) Students participated in Blood Donation Camp 25/04/2019
- 5) Faculty of Civil Engineering Department Mr. Lokeshwer Sharma Worked in Bihar formarketing of university.
- 6) A farewell program was organized by the6CE students for the 8CE students.20/05/2019
- 7) 21 days survey camp has Conducted in the college campus by the 4CE studentsheld by the department.
- 8) Assistant professor of Civil Engineering Department Mr. Rajan Gautam is working for Skill IndiaDevelopment Program of the University.

## **RESEARCH ACTIVITIES**

### **Er. Rohit Sharma**

#### **Paper Published**

- **Effects of partial replacement of fine aggregate with brick ballast using M30 grade of concrete** E-ISSN: 2456-6713 Vol-03, Issue 07, July 2019 International educational applied research journal (IEARJ)
- **Comparison of light weight concrete with normal mix design** ISSN:2349-5162 Vol-06, Issue 06, June 2019 Journal of emerging and technologies and innovative research (JETIR)
- **Comparative study on design results of RCC frame structure using STAAD PRO. And ETABS for regular and irregular plan** ISSN: 2319-8354 Vol-08, Issue-05, May 2019 International general of Advance research in Science and Technology
- **Beneficial effect of steel slag on concrete** ISSN: 2590-1892 Vol-3, Issue-06, June 2019 International Journal of Scientific research in engineering and management (IJSREM)
- **A study effect on mechanical properties of concrete by partial replacement of natural sand by iron slag** ISSN: 2321-9653 Vol-07, Issue-01 Jan 2019 International Journal for research in applied science and engineering technology (IJRASET)

### **Projects Evaluated**

- Prepared a round table with colour mixed design concrete.
- Prepared a cross table by using waste products.

### **RESEARCH ACTIVITIES**

**Er. Neha Jangta**

#### **Paper Published**

**Partial replacement of cement with marble waste and rice husk ash in concrete** ID: 207796  
Vol-01, Issue-07, 02 Feb 2019 International Journal of research and analytical reviews (IJRAR)

### **RESEARCH ACTIVITIES**

**Satya Pal Singh**

#### **Paper Published**

**Analysis and evaluation of flexible pavement defects** ISSN: 2229-5518 Vol-06, Issue-02, June 2017 *International Journal of Scientific & Engineering Research* (IJSER)

### **Projects Evaluated**

- Prepared the plastic road on flexible pavement by using LDPE.
- Prepared the working model of slow melting concrete.

## **MECHANICAL ENGINEERING DEPARTMENT**

### **PROFILE**

Mechanical Engineers deal with concepts such as mechanics, thermodynamics, robotics, kinematics, structural analysis, fluid mechanics, Robotics and Automation, Computer aided Designing (CAD) and many others. These concepts are applied in the process of designing & developing State-of-the art manufacturing units, different types of motor vehicles, aircraft and aerospace parts and a vast assortment of industrial machinery. Mechanical Engineers also contribute in the development of various engines, power plant equipment, heating and cooling systems and other simple and complex machinery.

### **ACADEMIC PROGRAMS:**

- **Mechanical Engineering Department** offers a full time, four years **Bachelor of Technology** program. The students learn concepts which are applicable in the process of designing & developing state-of-the-art manufacturing units, different types of motor vehicles, aircraft and aerospace parts and a vast assortment of industrial machinery.
- **Master of Technology** in mechanical engineering comes with two specializations:
  - Production Engineering
- **Academic Adoption** is a four years program which aims in providing students with hands-on experience in industry while studying in a B. Tech program. Students with good academic record are selected by the industry to work with them while they can attend classes on weekend basis to complete their study schedule.
- **Ph.D** in Mechanical Engineering (regular).

### **Laboratories:**

- Strength of Material Laboratory
- Material Science Laboratory
- Refrigeration and Air Conditioning Laboratory
- Internal Combustion Engines Laboratory
- Fluid Mechanics Laboratory
- Fluid Machinery Laboratory
- Principle of Mechanical Engineering Laboratory
- Theory of Machine Laboratory
- Metrology and Interchange ability Laboratory
- Automobile Engineering Laboratory
- Applied Thermodynamics Laboratory
- Measurement and Control Laboratory
- Heat Transfer Laboratory
- Workshop

**GUEST LECTURE:**

S.No	Name of Expert	Topic	Affiliation	Class	Date
1.	Mr.Dixit Gupta	Benefits of GATE preparation	CADD Gate Guru sector-26,Chd.	7 <sup>th</sup> sem	10-09-2018
2.	Mr.Ravinder Singh	Benefits of GATE preparation	Gate Revolution Chandigarh.	5 <sup>th</sup> , 3 <sup>rd</sup>	14-11-2018
3.	Dr.H.K.Kansal	Nano Manufacturing	UIET, Punjab University Chandigarh	7 <sup>th</sup> , 5 <sup>th</sup>	24-09-2018
4.	Ms.VasudhaChaudhary	AutoCAD, Solid Works and project management	NITTTR chandigarh	3 <sup>rd</sup>	08-10-2018
5.	Mr.Mohit Kumar	Strength Of Materials	IIT, Ropar.	8 <sup>th</sup> , 6 <sup>th</sup>	29 -03-2019
6.	Mr.Ravinder Singh	Heat Transfer	U.I.E.T chandigarh	4 <sup>th</sup>	19-02-2019
7.	Ms.VasudhaChaudhary	Solid works and project management	CaddCenter, Chandigarh	6 <sup>th</sup> , 8 <sup>th</sup>	19-04-2019

**Webinars:**

S.No	Topic	Name of Expert	Class	Date
1.	Introduction to hydraulic machines	Dr. SkSom IIT Kharagpur	5 <sup>th</sup> Sem	5 <sup>th</sup> Oct 2018
2.	Introduction to refrigeration	Dr. Ravi Kumar IIT Roorkee	7th Sem	12 <sup>th</sup> Oct 2018
3	Conservation equation in Fluid Flow	Dr. SkSom IIT Kharagpur	3rd Sem	17 <sup>th</sup> Oct 2018
4	Design of Pelton Turbine	Dr.SkSom IIT Kharagpur	6th Sem	11 <sup>th</sup> Feb 2019
5	Introduction to vapour absorption cycle	Dr. Ravi Kumar IIT Roorkee	8th Sem	12 <sup>th</sup> March 2019
6	Fluid Mechanics	Dr.SkSom IIT Kharagpur	4th Sem	24 <sup>th</sup> April 2019

**INDUSTRIAL VISITS:**

Odd Semester			
S.No.	Semester	Place	Date
1	7th ME	Siemens Ltd., Panchkula	10 Oct, 2018
2	5 <sup>th</sup> ME	Siemens Ltd., Panchkula	10 Oct, 2018
3	3rd ME	ALPLA India Ltd., Baddi	16 Oct, 2018

Even Semester			
S.No.	Semester	Place	Date
1	8th ME	INDOFARM Equipment ltd	12 March, 2019
2	6th ME	TVS motors , Baddi	30 March, 2019
3	4th ME	ALPLA India, Baddi	22 April, 2019

## **FACULTY PUBLICATIONS:**

### **Dr. Khushmeet Kumar**

- Heat Transfer and Friction characteristics of artificially roughened duct used for Solar Air Heaters — A review, Journal of The Institution of Engineers (India): Series C. (ISSN: 2250-0545), Vol. 99, no. 1, pp 105-123, 2018.
- “Innovatively arranged curved ribbed solar assisted air heater: Performance and correlation development for heat and flow characteristics”, Journal of Solar Energy Engineering (ISSN: 0199-6231), (Accepted)

### **Mr.Vibhu Sharma**

- “Development and Characterization of High Velocity Flame Sprayed Ni/TiO<sub>2</sub>/Al<sub>2</sub>O<sub>3</sub> Coatings on hydro turbine Steel,” Journal of Thermal Spray Technology, 28(7), pp. 1379-1401. (SCI Indexed, Impact Factor 2.129 according to journal citation report released by Thomson Reuters, <https://doi.org/10.1007/s11666-019-00918-5>)
- “Micro and Nano Ceramic-Metal Composite Coating by Thermal Spray to Control Slurry Erosion in Turbine Steel: An Overview,” Engineering Research Express, 1(1), pp. 1-14, (<https://doi.org/10.1088/2631-8695/ab3cfb>)
- “Slurry jet erosion performance of high-velocity flame sprayed nano mixed Ni-40Al<sub>2</sub>O<sub>3</sub> coatings in aggressive environment,” Proc. IMechE Part J: Journal of Engineering Tribology, 233(7), pp. 1090-1106. (SCIE Indexed, Impact Factor 1.137 according to journal citation report released by Thomson Reuters, DOI: 10.1177/1350650118822426).
- “Slurry erosion performance of high-velocity flame Ni-Al<sub>2</sub>O<sub>3</sub> coatings under hydro accelerated conditions,” Material Research Express, 6(7), p. 076436 (SCIE Indexed, Impact Factor 1.449 according to journal citation report released by Thomson Reuters, <https://doi.org/10.1088/2053-1591/ab1927>)

### **Mr.Gurpreet Singh**

- “Fuzzy Logic Controller For Leg Movement Classification Using sEMG Signal”, International Journal of Advance Engineering and Research Development, Volume 5, Issue 03, March -2018, pp. 220-226.

- **Mr.Mahesh Bansal**

- Heat transfer from engine cylinder jacket with porous media : A critical review, International journal of research and analytical reviews; 2019
- Experimental investigation on Heat transfer of water in engine cylinder jacket with porous media International journal of scientific research and reviews; 2019
- Monitoring of 6 channel temperature acquisition system for heat transfer using Max 6675 and Arduino Interface Journal of emerging technologies and innovative research; 2019

#### **ACHIEVEMENTS OF DEPARTMENT:**

- Four Academic adoption students of Final year mechanical got the placement offer letter based on their performance.
- One faculty Member Mr.Vibhu Sharma had submitted his Ph.D. Thesis.
- One Faculty member Mr. Mahesh Bansal Had submitted his pre thesis of Ph.D.
- Technical Session Programme was introduced to students of 8ME by Department which results a good placement of mechanical students.
- Engineers day was celebrated on 15 Sep 2018, by Royal Mechnos technical club in which number of events were organised such as technical Quiz, potato cannon event, project exhibition, and many more were organized.
- Three faculty Members had attended the Faculty Development program at NITTTR Chandigarh.
- Five faculty members attended the 5- Days Faculty Development Program on **Instructional Delivery** Organised by BUEST in Collaboration with NITTTR Chandigarh from 4<sup>th</sup> -8<sup>th</sup> Dec 2017.
- One faculty Member has attended the International conference on thermal Spray Coatings, at UIT Hoshiarpur.
- One faculty Ms.Sushma Singh has registered for Ph.D. at PEC University of technology Chandigarh.

#### **ACADEMIC PERFORMANCE OF STUDENTS:**

##### **B.Tech.**

##### **Batch 2015**

<b>Bupin ID</b>	<b>Name of Student</b>	<b>Father Name</b>	<b>CGPA</b>	<b>Passing Year</b>	<b>Rank</b>
15UME017	Akshay Sharma	Kamal Dev	9.53	2019	GOLD
16LME005	Abhinav	Parmeshwari Das	8.98	2019	SILVER
15UME055	Rajat Gupta	Pawan Gupta	8.30	2019	BRONZE



**Batch 2016**

<b>Bupin ID</b>	<b>Name of Student</b>	<b>Father Name</b>	<b>CGPA</b>	<b>Passing Year</b>	<b>Rank</b>
16UME022	AmitDadhwal	Satnam Singh	8.38	2020	GOLD
16UME008	AnkushVerma	KuldeepVerma	8.35	2020	SILVER
16UME013	Rajat Sharma	Om Prakash Sharma	8.24	2020	BRONZE

**Batch 2017**

<b>Bupin ID</b>	<b>Name of Student</b>	<b>Father Name</b>	<b>CGPA</b>	<b>Passing Year</b>	<b>Rank</b>
17UME002	Abhishek Sharma		8.73	2021	GOLD
17UME005	AnkushVerma		8.35	2021	SILVER
17UME015	Parth Kimta		8.33	2021	BRONZE

**PLACEMENTS:**

<b>Sr. no.</b>	<b>Company Name</b>	<b>Total Students Placed</b>
1	TVS	2
2	Direct Watts Set Pvt Ltd	7
3	Hindustan Unilever Pvt. Ltd.	7
4	NexparPharma	14
<b>Total</b>		<b>25</b>

**STUDENT'S PROJECTS:****Project based Learning (PBL)**

To make a Casting in Foundry Shop

To make a Pattern in Carpentry Shop

To prepare a Fitting job in Fitting Shop

Practice of Slab Milling on Milling Machine

Working model of double pass cross flow heat exchanger

Prepare a working model of cooling tower

Prepare a working model of parallel flow heat exchanger

Prepare a working model of counter flow heat exchanger

Working model of single pass cross flow heat exchanger

## **Major Projects**

Fabrication of Multipurpose Mechanical Machine  
Fabrication of Hydraulic lifting machine.  
Fabrication of Electromagnetic Braking system  
Experimental Analysis of Temperature Difference in Diesel Engine  
Design and fabrication of steering system of Efficycle  
Fabrication of ECM  
Design and Fabrication of Chain less drive Cycle  
Fabrication of Space cooling With Peltier system  
Testing of flexural strength of glass fibre sandwich composite  
Hydraulic bending Machine  
Compressed Air Vehicle

## **MECHATRONICS ENGINEERING DEPARTMENT**

### **PROFILE**

Mechatronics Engineers deal with concepts such as electro-mechanical components, robotics, kinematics, Machine learning, Robotics and Automation, Computer aided Designing (CAD) and many others. These concepts are applied in the process of designing & developing different types of automated objects, robots, drones and autopilot aircraft and aerospace machines and a vast automation of industrial machinery. Mechatronic Engineers also contribute in the development of various sensor based (Smart) components and machines.

### **ACADEMIC PROGRAMS:**

- **Mechatronics Engineering Department** offers a full time, four years **Bachelor of Technology** program. (Started from August 2018).

### **Laboratories:**

- Strength of Material Laboratory
- Material Science Laboratory
- Refrigeration and Air Conditioning Laboratory
- Automation Laboratory
- Microprocessor Laboratory
- Workshop

### **GUEST LECTURE:**

S.No	Name of Expert	Topic	Affiliation	Class	Date
8.	Mr.Dixit Gupta	Benefits of GATE preparation	CADD Gate Guru sector-26,Chd.	1st Sem	10-09-2018

### **Webinars:**

S.No	Topic	Name of Expert	Class	Date
1.	Introduction to hydraulic machines	Dr. SkSom IIT Kharagpur	3rdSem	5 <sup>th</sup> Oct 2018

### **INDUSTRIAL VISITS:**

Odd Semester			
S.No.	Semester	Place	Date
1	1 <sup>st</sup>	Siemens Ltd., Panchkula	10 Oct, 2018

Even Semester			
S.No.	Semester	Place	Date
1	2 <sup>nd</sup>	ALPLA India, Baddi	22 April, 2019

## **FACULTY PUBLICATIONS:**

### **Dr. Khushmeet Kumar**

- Heat Transfer and Friction characteristics of artificially roughened duct used for Solar Air Heaters — A review, Journal of The Institution of Engineers (India): Series C. (ISSN: 2250-0545), Vol. 99, no. 1, pp 105-123, 2018.
- “Innovatively arranged curved ribbed solar assisted air heater: Performance and correlation development for heat and flow characteristics”, Journal of Solar Energy Engineering (ISSN: 0199-6231), (Accepted)

### **Mr.Vibhu Sharma**

- “Development and Characterization of High Velocity Flame Sprayed Ni/TiO<sub>2</sub>/Al<sub>2</sub>O<sub>3</sub> Coatings on hydro turbine Steel,” Journal of Thermal Spray Technology, 28(7), pp. 1379-1401. (SCI Indexed, Impact Factor 2.129 according to journal citation report released by Thomson Reuters, <https://doi.org/10.1007/s11666-019-00918-5>)
- “Micro and Nano Ceramic-Metal Composite Coating by Thermal Spray to Control Slurry Erosion in Turbine Steel: An Overview,” Engineering Research Express, 1(1), pp. 1-14, (<https://doi.org/10.1088/2631-8695/ab3cfb>)
- “Slurry jet erosion performance of high-velocity flame sprayed nano mixed Ni-40Al<sub>2</sub>O<sub>3</sub> coatings in aggressive environment,” Proc. IMechE Part J: Journal of Engineering Tribology, 233(7), pp. 1090-1106. (SCIE Indexed, Impact Factor 1.137 according to journal citation report released by Thomson Reuters, DOI: 10.1177/1350650118822426).
- “Slurry erosion performance of high-velocity flame Ni-Al<sub>2</sub>O<sub>3</sub> coatings under hydro accelerated conditions,” Material Research Express, 6(7), p. 076436 (SCIE Indexed, Impact Factor 1.449 according to journal citation report released by Thomson Reuters, <https://doi.org/10.1088/2053-1591/ab1927>)

### **Mr.Mahesh Bansal**

- Heat transfer from engine cylinder jacket with porous media : A critical review, International journal of research and analytical reviews; 2019
- Experimental investigation on Heat transfer of water in engine cylinder jacket with porous media International journal of scientific research and reviews; 2019
- Monitoring of 6 channel temperature acquisition system for heat transfer using Max 6675 and Arduino Interface Journal of emerging technologies and innovative research; 2019

## **ACADEMIC PERFORMANCE OF STUDENTS:**

### **B.Tech. (Mechatronic)**

#### **Batch 2018**

<b>Bupin ID</b>	<b>Name of Student</b>	<b>CGPA</b>	<b>Passing Year</b>	<b>Rank</b>
18UMT001	Gurjot Singh	6.09	2022	GOLD
18UME005	Subhash	5.71	2025	SILVER
18UMT001	Abhishek Bhatia	4.58	2022	BRONZE

## **PLACEMENTS:**

First batch will be awarded degrees in 2022.

## **STUDENT'S PROJECTS:**

### **Project based Learning (PBL)**

To make a Pattern in Carpentry Shop

To prepare a Fitting job in Fitting Shop

## **ELECTRICAL ENGINEERING DEPARTMENT**

### **PROFILE**

The department of electrical engineering has been playing a vital role in producing scientists and technologists of highest calibre ever since it was established in the year 2002. In addition to the strong undergraduate programs, the department has been playing a pioneering role in producing world class postgraduates and research scholars. The infrastructure and lab facilities are upgraded from time to time and provide adequate opportunities for students and researchers to learn and innovate.

The department ensures that its students are educated in a manner that will ensure a successful career for each one of them. BUEST has an unbeaten track record of placements for its students due to its highly experienced faculty that keeps itself updated on the latest developments in their field of expertise, as well as its state-of-the-art infrastructure. Job opportunities are available in all the areas of Electrical Engineering such as Junior / Apprentice Engineer in Electrical Industry, Support Engineer, Sales Engineer, IT enabled services, Teaching, Power Protection, Load Dispatch and Load Flow. Distribution Network Supervision, Instrument Calibration, Power Generation and Transmission, Power Controlled Drives, etc. Electrical Engineering students go through several electronics, instrumentation, computer and IT related subjects who make them comfortable to choose electronics, Computer and IT based career. They may also opt these areas for higher studies. In BUEST, EE program, the students are required to do core courses of circuit analysis, electromechanical energy conversion and electrical technology. The labs are fully equipped for circuit & network theorem verification, using function generators and oscilloscopes. A separate electrical machine lab with single phase and three-phase A.C. motors/D.C. motors, various types of transformers, A.C. /D.C. generators and other power measuring equipment is for experimentation.

The department is supported by ten well equipped state of the art labs:

- Basic Electrical Engineering lab
- Electrical Measurement Lab
- Control System lab
- Switchgear & Protection Lab
- Power Electronics lab
- Electrical Machines Lab
- Bio Medical lab
- CAPSA lab
- Transmission & Distribution Lab
- EPQ Lab

Electrical Engineering department offers the following course

- B.Tech in Electrical Engineering
- M.Tech in Power Electronics & Drives

## **ACADEMIC ACTIVITIES**

### **SEMINAR/CONFERENCES/WORKSHOP ORGANISED**

<b>S.No.</b>	<b>Topic</b>	<b>Organisation</b>	<b>Date</b>
1	1-Days Workshop on Solar Power	NPTI, Nangal	15-11-2018
2	1-Day workshop on ARDUINO	BUEST	16-01-2019
3	1-Day workshop PLC and Vision System	BUEST	12-03-2019
4	One day Workshop on “HMI,PLC,SCADA and Automation	BUEST	29-03-2019

### **GUEST LECTURE'S**

<b>S. No.</b>	<b>Name</b>	<b>Organization</b>	<b>Topic</b>	<b>Date</b>
1	Mr. Rajneesh	BUEST	Operation & Maintenance of roof top grid connected solar PV Plant.	8-11-2018
2	Er. Avinash Chandel	Amazon development pvt. Ltd	Robotics	03-04-2019
3	Mr. Virender	IIT, Madras.	Switchgear and protection	15-04-2019
4	Mr. Rajan	NIT Hamirpur	Power Quality & its Importance	07-05-2019

## INDUSTRIAL VISIT

S.No.	Semester	Place	Date
1	4 <sup>th</sup> , 6 <sup>th</sup> , 8 <sup>th</sup>	Wonder Automation Pvt. Lmt., Mohali(Pb).	06-03-2019
2	8 <sup>th</sup>	Vardhman Mills, Baddi (H.P.).	15-03-2019

## OTHER ACTIVITIES

1. Students of Electrical Engineering participated in LAKSHAYA Inter University sports meet.
2. Students participated in Blood Donation Camp 25/04/2019
3. Faculty of Electrical Engineering Department Mr. Ishan Thakur Worked in Bihar for marketing of university.
4. A farewell program was organized by the 6<sup>th</sup> semester students for the 8<sup>th</sup> students 21/05/2019.
5. Faculty of Electrical Engineering Departmental Mr. Vinod Kumar worked in telecalling for admissions

## RESEARCH ACTIVITIES

### Ms. Geena Sharma

- An overview of load flow analysis methods for Electrical Distribution Networks,” IJSTE – International Joournal of Science Technology & Engineering | Volume 2 | issue 12 | June 2016, ISSN : 2349-784X.
- “ Controlling Technique of Induction Motor Drive using IGBT Chopper and multilevel Inverter for Enhanced Performance” – JETIR – Journal of Emerging Technologies and Innovative Research / Volume5/ Issue8/ August 2018 : (ISSN 2349-5162).
- “Comprehensive study of speed control of Induction Motor Drive : A strategy using MOSFET Chopper and inverter based Slip Power Recovery Scheme for Better performance” – JETIR – Journal of Emerging Technologies and innovative research / Volume 5/ Issue 8/ August 2018 : (ISSN 2349-5162).
- Optimal Placement of distributed generation using Genetic Algorithm approach . International Journal of Research in Electronics and Computer Science, Vol. 7 , Issue 3, July- September, 2019. P(695-704).
- Review on distributed generator placement by optimising using swarm intelligence”. International Journal of Research in Electronics and Computer Science, Vol. 7, Issue 3, July- September, 2019.P(689-694).



## **SCHOOL OF PHARMACY & EMERGING SCIENCES**

### **PROFILE**

School of Pharmacy & Emerging Sciences (SPES) has been started at Baddi University in 2007 to provide quality education, training and carry out research in Pharmaceutical Sciences. SPES is located in one of the hub of Pharmaceutical Industry of India.

India, being one of the top three pharmaceutical manufacturing countries in the world, has ample opportunities for the professionals with skills in pharmaceutical sciences. SPES is providing skills to young students in pharmaceutical manufacturing, dispensing drugs and community pharmacy to provide information on safe & effective use of drugs, drug-drug interaction, toxicity of drugs and dosage regimen for patients.

SPES has state of art infrastructure for training students on manufacturing and quality control testing of drugs and their formulations. It has 15 modern, spacious laboratories with latest equipments: HPLC, FTIR, UV-Vis spectrophotometer, Gel electrophoresis, Karl-Fischer titrimeter, Tablet compression machine etc. SPES has spacious lecture halls with multimedia projectors, advanced computer and language laboratories, animal house and herbal garden. The library of the school is enriched with more than 5000 books, 100 National & International journals and study material in the form of CDs.

The performance of SPES is attributed to its highly qualified faculty from globally recognized Indian universities with 5 doctorates in pharmaceutical sciences and more than 5 faculty members are on the verge of completion. The research profiles of SPES faculty members as observed with their more than 300 research publications and 18 patents reflect the international status. The major areas of research of the school are –

- Synthesis of Novel medicinal agents – Benign Prostate Hyperplasia, Neuromuscular blockers, Polymeric prodrugs for Cancer, Anti-malarial drugs, Nitric oxide releasing analogues of drugs.
- Organ specific targeted drug delivery.
- Novel drug deliveries for solubility enhancement & control release.
- Drug metabolic studies.
- Pharmacological evaluation of herbal products.
- Analytical Method development and Validation
- Reaction mechanism in organic chemistry
- Isolation, characterization & development of active constituents from medicinal plants.

SPES has best academic performance – more than 90% results in B. Pharmacy and 100% in M. Pharmacy. A Premier Pharmacy Institute in the hub of pharmaceutical industries at Baddi.

The students of SPES are well placed in pharmaceutical industry with around 90% campus placement. Throughout year, SPES also motivate the students by conducting regular expert lectures from Industry & Academia, workshops & training, quiz programs and cultural events. An association of students of SPES is in place as Baddi University of Pharmaceutical Association (BUPA) which actively conduct academic, sports and cultural activities. SPES being accredited by the Life Sciences Sector Skill Development Council (LSSSDC) has started Skill development programs in pharmaceuticals from Jan. 2016.

Recently, School of Pharmacy & Emerging Sciences has been adjudged as **Top Emerging Pharmacy Institute by AICTE-CII Survey of Industry-Linked Technical Institutes of India**. (5th University Industry Congress Global Higher Education Summit & Expo, 2-3 December, 2015)

## ACADEMIC PROGRAMS

- **D. Pharmacy**, Two years programme, approved by AICTE, New Delhi and Pharmacy Council of India, New Delhi.
- **B. Pharmacy**, Four years programme, approved by AICTE, New Delhi and Pharmacy Council of India, New Delhi.
- **Master of Pharmacy** offered by the University is two years degree programme with Specialization in Pharmaceutics and Pharmaceutical Chemistry.
- **Ph. D.** Programme in Pharmaceutical Sciences.

## FACILITIES DETAILS

- Well Equipped and Spacious Laboratories – 15
- Central Sophisticated Instruments Laboratory (CSIL)
- Industrial Prototype Laboratory
- CPCSEA approved Animal House
- Novel Drug Delivery Research Laboratory
- Synthetic Polymers and Medicinal Chemistry Research Laboratory
- CADD & Pharmacoinformatics Laboratory
- Computer Centre

## ACADEMIC ACTIVITY

### Conference & Workshop

Sr. No.	Name of Seminar/ Workshop/FDP	Date	Invited Speakers
1	Expert talk on Bloom's Taxonomy	08/06/2018	Prof. (Dr.) P.K Tulsi
2	Workshop over compression machine	17/04/2019	Mr. Pardeep Kumar
3	21 <sup>st</sup> Century Teaching and learning	15/11/2019	Prof. (Dr.) Paras Prakash

## INDUSTRIAL VISIT

Sr. No.	Date	Semester	Name of the Industry Visited	Name of the Faculty Members Visited
1	21/03/2018	B. Pharm. 4 <sup>th</sup> Sem.	Glenmark (Pharmaceutical ltd.	Ms. Sawati Sharma Ms. Parul Sood

			Baddi)	
2	22/03/2018	B. Pharm. 6 <sup>th</sup> Sem.	Glenmark (Pharmaceutical Ltd. Baddi)	Ms. Neha Atwal Ms. Neeru Malik
3	13/02/2018	B. Pharm. 6 <sup>th</sup> Sem. Section A	Vapicare Ltd. Baddi	Mr. Mukul Kaushik Ms. Bandna Sharma
4	14/02/2019	B. Pharm. 4 <sup>th</sup> Sem. (Section - B)	Venus Remedies	Dr. Arun Prashar Ms. Amanpreet Kaur
5	20/02/2019	B. Pharm. 6 <sup>th</sup> Sem. Section A D. Pharm. 1 <sup>st</sup> Year	Uni Bio Tech Ltd.	Mr. Mukul Kaushik Ms. Neha Sharma
6	22/02/2019	B. Pharm. 2 <sup>nd</sup> Sem. Section A D. Pharm. 2 <sup>nd</sup> Year	Glenmark (Pharmaceutical Ltd. Baddi)	Ms. Saloni Vashisth Mr. Arun Prashar
7	27/02/2019	B. Pharm. 2 <sup>nd</sup> Sem. Section B M. Pharm. 2 <sup>nd</sup> Sem.	Naxpar Pharmaceutical Ltd. Baddi	Mr. Mukul Kaushik Ms. Neeru Malik
8	01/10/2019	B. Pharm. 1 <sup>st</sup> Sem. Section A & B	Nobel Prize Museum at Nabi Mohali	Ms. Bandna Sharma Ms. Disha Pathak
9	05/11/2019	B. Pharm. 3 <sup>rd</sup> Sem. Section A & B	Central Research Institute (CRI), Kasauli	Ms. Alka Sharma Ms. Perna Thakur

## EXPERT LECTURES

Sr. No.	Name	Designation	Company/ University Name	Date of Lecture	Topic
1.	Dr. Tarun	Vice President Quality	Quality Imacule Life Science, Baddi	04/09/2018	Basic Microbiology and cGMP and clean behaviour in parenteral pharma Industry
2.	Mr. Tapan Kaloriya	Sr. Executive Injectables Section	Dr. Raddy's Lab, Baddi	04/10/2018	Pharmaceutical Industries, Technology Transfer & data Integrity.
3.	Mr. Ranjit Singh	Sr. Quality Control Manager	Sentiss Pharmaceutical s Nalagarh	16/11/2018	Importance of quality control in Industries.
4.	Dr. Bikash	Professor, Dept.	PGIMER	17/12/2	Antidoping

	Medhi	of Pharmacology	Chandigarh	018	
5.	Mr. Rajesh Kumar Chopra	Plant Head	Panacea Biotech, Baddi	23/01/2019	Understanding of vaccination Technology
6.	Mr. Arvind Kumar Thakur	Manager	Campus Affair, Competition Guru Institute	28/03/2019	Career Counselling
7.	Mr. Manpreet Singh Naroo	Plant Head	Advancement in Pharmaceutical Industries	18/04/2019	Unimark Biotech
8.	Mr. Partha Roy	Quality Assurance Head	Hanuchem Laboratories	04/09/2019	Working Process of Quality Assurance Department in Pharmaceutical Industries
9.	Dr. Arvind Janardhana /Cdr. Rajesh	Head of Clinical Services/Head of Operation	Punarnava Ayurvedic Hospital Nalagarh	22/11/2019	Ayurvedic Therapy Panchkarma
10.	SMO & SDM	SMO & SDM	Anti drug & Alcoholism	26/11/2019	Nalagarh
11.	Mr. Shukla	Quality Assurance Head	Theon Pharma, Baddi	26/09/2019	Over view about what industries exactly demanding
12.	Mr. Manpreet Singh Naroo	Plant Head	Unimark Industries	11/12/2019	Advancement in Pharmaceutical Industries & Technologies
13.	Tanuj Kumar Yadav	Quality Assurance Head	Dr. Raddy's Lab, Baddi	28/11/2019-01/12/2019	Interview execution Training of students

### **PUBLICATION BY FACULTY**

#### **Dr. T. R. Bhardwaj**

- Therapeutic journey of nitrogen mustard as alkylating anticancer agents: Historic to future perspectives RK Singh, S Kumar, DN Prasad, TR Bhardwaj European journal of medicinal chemistry, 2018
- Recent Advances in the Development of Polymeric Nanocarrier Formulations for the Treatment of Colon Cancer S Kumar, B Sharma, K Thakur, TR Bhardwaj, DN Prasad, RK Singh Drug Delivery Letters 9 (1), 2-14 2019
- Exploration of Novel 5 $\alpha$ -Reductase Inhibitors for Benign prostatic Hyperplasia by 2D/3D QSAR, Cytotoxicity Pre-ADME and Docking Studies. R Dhingra, M Malhotra, V Sharma, TR Bhardwaj, N Dhingra Current topics in medicinal chemistry 2019

#### **Dr. V.K Kapoor**

- A. Chawla and V.K Kapoor, Microwave assisted One Pot Synthesis and antimicrobial activity of 2-(3-Acetyl-2'-methyle -5''-Phenyl) Pyrrol-1-Yl-1,4,5-triphenyl-1 Hiidazole Derivatives, Der Phar chemical,10,30(2018)
- Singla and V.K Kapoor, anthelintic Potential of three ornamental Tree, pharm.Innov. J., 8, 417 (2019).
- Co- chaired a scientific session at the 6<sup>th</sup> Biennial international Conference on New Development in Drug Discovery from Natural Products and Traditional Medicine. Motional Institute of Pharmaceutical Education and Research (NIPER). Mohali 15-17 November 2018.
- Gural of Honour at the international Conference cum workshop on Informatics Tools in Drug Discovery and Durg Delivery (IT-DDD 2018), Punjab University, Patiala 1-4 November 2018.

#### **Dr. Tej Vir Singh**

- Synthesis and evaluation of Novel polymeric brodrugs for the treatment of colon cancer.
- Peptide drug conjugates for tumor selectivity as potential chemotherapy pentic agents”.
- Problem of clogging due to sludge formation in the pipes transporting industrial effluent in water”, Baddi Infrastructure Jharmajri H.P.

#### **Dr. Paras Prakash**

- Role of calcium in the cardio protective effect of ischemic preconditioning,” published in abstract book of XVIIth world conference , international Society of Heart Research, Winnipeg monitoba, Canada

#### **Dr. Ravinesh Mishra**

- Different Variable and Recent Development in Noval Buccal Drug Delivery System
- Project Applied: Development of a Novel Buccal Drug Delivery System for Tarcolimus for the patients with Renal Transplantation grant by Biotechnology Industry Research Assistant Council – Biotechnology Ignition Grant (BIRAC-BIG).

#### **Dr. Ladli Kishore**

- Ladli Kishore, Papiya Mitra Mazumder, Uma Ranjan Lal. Finger Print Analysis by HPTLC, Isolation, Evaluation of its In-vitro Antioxi-dant Activity and Spectroscopic Characterization of Bioactive Compounds of Trigonella foenum-graecum Seeds. International Journal of Pharmacognsoy and Phytochemical Research, 2019, 11(2): 53-59, impact factor (1.85), UGC-approved, Scopus.
- Ladli Kishore, Papiya Mitra Mazumder. Extraction and evaluation of Trigonella foenum-graecum L. Seeds extract for attenuating the progression of nephropathy in diabetic rat. Asian Journal of Pharmacy and Pharmacology, (2019); 5(5), 933-941 UGC-approved.
- Ladli Kishore, Papiya Mitra Mazumder. Comparative evauation of bioactive constituent of TFG on nephropathic induced rats. PharmaRIA , 2019.

## **Dr. Sumit Jamwal**

### **INTERNATIONAL TRAVEL GRANTS:**

- Awarded IBRO-APRC Short Stay Award to visit the lab of Dr. Sze Chai Kwok, NYU Shanghai, China from Jan 12- Feb 10, 2019 to study advanced neurosurgical methods and neuroimaging techniques.
- Awarded AOCN Travel Grant 2018 to attend The Asian Oceanian Congress of Neurology 2018 (AOCN 2018) scheduled to be held from 8-11 November 2018 at Coex, Seoul, South Korea.
- Awarded MDS International Congress Travel Grant 2018 to attend International Congress of Parkinson's Disease and Movement Disorders scheduled to be held at Hong Kong from October 5-9, 2018.
- Awarded MDS-AOS Travel Bursery to attend advanced course on Neuropathology and Neuroimaging in Movement Disorders scheduled to be held at the Seoul National University Hospital in Seoul, Korea from June 15-16, 2018.
- Awarded IBRO-APRC Travel Award to attend 15th Meeting of the Asian-Pacific Society for Neurochemistry scheduled to be held at Macau, China from Aug 29-31, 2018.
- Awarded IBRO-APRC Travel Award to attend 2017 IBRO-APRC School of Neuroscience held at Kathmandu, Nepal from May 8-12, 2018 and 3rd Annual Meeting of Nepal Neuroscience Society held at Kathmandu, Nepal from May 12-13, 2018.
- Book Chapter: Animal Models of Neurological Disorders: Principle and Working Procedure for Animal Models of Neurological Disorders(2018)
- Mandeep Singh, Sumit Jamwal, Puneet Kumar and Prashant Koshal. Neurochemical Imbalance in Epilepsy from Animal Models to Humans. Current Psychopharmacology, 2018, doi: 10.2174/2211556007666180522084412
- Sumit Jamwal and Puneet Kumar. Insight into the emerging role of striatal neurotransmitters in the pathophysiology of Parkinson's disease and Huntington's disease: A review. Current Neuropharmacology, 2018, doi: 10.2174/1570159X16666180302115032

## **Ms. Parul Sood**

- P sood and R Shri. A Review on Ethnomedicinal, Phytochemical and Pharmacological Aspects of Myrica esculenta Buch.-Ham. ex D. Don. Indian Journal of Pharmaceutical Sciences. 80(1), 2-13; 2018.
- Parul Sood and R Shri. Pharmacognostic and phytochemical screening of Aegle marmelos fruit. Journal of Pharmacognosy and Phytochemistry-I.

## **Lalita Chauhan**

- Lalita Chauhan, Saloni Vashisht, Formulation and evaluation of novel herbal antidiabetic transdermal patch , Innovations in Pharmaceutical and Pharmacotherapy, 2018, 6(4): 61-64.
- Sharma Sheetal, Chauhan Lalita, Thakur Prerna, Dr. Arti R Thakkar, Development and Evaluation of Antiaging Herbal Topical Formulation, International Journal of Pharmaceutical Sciences and Research, 2019, 4(3): 46-52.

- Prerna Thakur, Lalita Chauhan, Sheetal Sharma, Dr. Arti R Thakkar, Preparation and Evaluation of Polyherbal Hydrogels Formulation for Diabetic Foot Ulcer, *Innovations in Pharmaceutical and Pharmacotherapy*, 2019, 7(3): 61-66.
- Lalita Chauhan, Prerna Thakur and Sheetal Sharma, Microemulsions: A Review on Novel Drug delivery System, *Innovations in Pharmaceutical and Pharmacotherapy*, 2019, 7(2): 37-44.
- Lalita Chauhan, Prerna Thakur and Sheetal Sharma, Hydrogel: A Review on classification, preparation methods, properties and its applications, *Indo American Journal of Pharmaceutical Sciences*, 2019, 06(06): 13490-13503.
- Lalita Chauhan, Prerna Thakur and Sheetal Sharma, Transdermal Drug Delivery System: A Review on its types, basic components, preparation methods and recent advances, *European Journal of Biomedical and Pharmaceutical Sciences*, 2019, 6(10): 123-134.
- Lalita Chauhan, Prerna Thakur and Sheetal Sharma, Diabetic Foot Ulcer: A Review on its Pathophysiology, Classification and Ayurvedic Treatment, *European Journal of Biomedical and Pharmaceutical Sciences*, 2019, 6(10): 144-55.
- Lalita Chauhan, Prerna Thakur, Anjali Sharma, Sheetal Sharma, Novel Drug Delivery System: A Review, *European Journal of Biomedical and Pharmaceutical Sciences*, 2019 6(12): 180-89
- Lalita Chauhan, Anjali Sharma, A review on Mouth Dissolving Tablets, *International Journal of Pharmaceutical Sciences and Research*, 2019, 4(3): 53-61.

### **Prerna Thakur**

- Prerna Thakur, Lalita Chauhan, Sheetal Sharma, Dr. Arti R Thakkar, Preparation and Evaluation of Polyherbal Hydrogels Formulation for Diabetic Foot Ulcer, *Innovations in Pharmaceutical and Pharmacotherapy*, 2019, 7(3): 61-66.
- Sharma Sheetal, Chauhan Lalita, Thakur Prerna, Dr. Arti R Thakkar, Development and Evaluation of Antiaging Herbal Topical Formulation, *International Journal of Pharmaceutical Sciences and Research*, 2019, 4(3): 46-52
- Lalita Chauhan, Prerna Thakur and Sheetal Sharma, Microemulsions: A Review on Novel Drug delivery System, *Innovations in Pharmaceutical and Pharmacotherapy*, 2019, 7(2): 37-44.
- Lalita Chauhan, Prerna Thakur and Sheetal Sharma, Hydrogel: A Review on classification, preparation methods, properties and its applications, *Indo American Journal of Pharmaceutical Sciences*, 2019
- Lalita Chauhan, Prerna Thakur and Sheetal Sharma, Transdermal Drug Delivery System: A Review on its types, basic components, preparation methods and recent advances, *European Journal of Biomedical and Pharmaceutical Sciences*, 2019, 6(10): 123-134.
- Lalita Chauhan, Prerna Thakur and Sheetal Sharma, Diabetic Foot Ulcer: A Review on its Pathophysiology, Classification and Ayurvedic Treatment, *European Journal of Biomedical and Pharmaceutical Sciences*, 2019, 6(10): 144-55.
- Lalita Chauhan, Prerna Thakur, Anjali Sharma, Sheetal Sharma, Novel Drug Delivery System: A Review, *European Journal of Biomedical and Pharmaceutical Sciences*, 2019 6(12): 180-89



### **Sheetal Sharma**

- Sharma Sheetal, Chauhan Lalita, Thakur Prerna, Dr. Arti R Thakkar, Development and Evaluation of Antiaging Herbal Topical Formulation, International Journal of Pharmaceutical Sciences and Research, 2019, 4(3): 46-52.
- Prerna Thakur, Lalita Chauhan, Sheetal Sharma, Dr. Arti R Thakkar, Preparation and Evaluation of Polyherbal Hydrogels Formulation for Diabetic Foot Ulcer, Innovations in Pharmaceutical and Pharmacotherapy, 2019, 7(3): 61-66.
- Lalita Chauhan, Prerna Thakur and Sheetal Sharma, Microemulsions: A Review on Novel Drug delivery System, Innovations in Pharmaceutical and Pharmacotherapy, 2019, 7(2): 37-44.
- Lalita Chauhan, Prerna Thakur and Sheetal Sharma, Hydrogel: A Review on classification, preparation methods, properties and its applications, Indo American Journal of Pharmaceutical Sciences, 2019
- Lalita Chauhan, Prerna Thakur and Sheetal Sharma, Transdermal Drug Delivery System: A Review on its types, basic components, preparation methods and recent advances, European Journal of Biomedical and Pharmaceutical Sciences, 2019, 6(10): 123-134.
- Lalita Chauhan, Prerna Thakur and Sheetal Sharma, Diabetic Foot Ulcer: A Review on its Pathophysiology, Classification and Ayurvedic Treatment, European Journal of Biomedical and Pharmaceutical Sciences, 2019, 6(10): 144-55.
- Lalita Chauhan, Prerna Thakur, Anjali Sharma, Sheetal Sharma, Novel Drug Delivery System: A Review, European Journal of Biomedical and Pharmaceutical Sciences, 2019 6(12): 180-89.

### **Ms. Bandna Sharma**

- Sahil Kumar, Kiran Thakur, Bandna Sharma, Tilak Raj Bhardwaj, Deo Nandan Prasad, Rajesh Kumar Singh. Recent Advances in Vaccine Development for the Treatment of Emerging Infectious Diseases. Indian Journal of Pharmaceutical Education and Research, 53, (3) 2019.
- Sahil Kumar, Bandna Sharma, Kiran Thakur, Tilak Raj Bhardwaj, Deo Nandan Prasad, Rajesh Kumar Singh, Recent Advances in the Development of Polymeric Nanocarrier Formulations for the Treatment of Colon Cancer. *Drug Delivery Letters*, 2019, 9, 2-14.

### **Ms. Amanpreet Kaur**

- Amanpreet Kaur *et.al* "Synthesis of novel drugs derivatives of he drugs for peptic Ulcer", European journal of Biomedical and Pharmaceutical Sciences.

### **PROJECTS SUBMITTED**

S. No.	Name of the Project	Total Cost	Duration of Project	Agency	Status of the Project
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1.	“Problem of Clogging due to Sludge Formation in the pipes transporting Industrial Effluent in Water”	3.00Lac.	2 Years		In process
2.	Process for Production and Purity Enhancement of Manganese dioxide		3 Years		In Process
3.	Chemical Resoues Panchkulla Haryana	2.5 Lac.	5 years		In Process
4.	Skill Vigyan Program	34.80 Lac.	3 Years		In Process

#### Membership of professional bodies and scientific societies

- Dr. Nitin Verma become a member of International Association of Therapeutic Drug Monitoring & Clinical Toxicology (IATDMCT), Canada.
- Dr. Nitin Verma become a member of Society of Toxicology (SOT), Reston, VA

#### Workshops and training programs attended

S.no .	Name of Faculty	Name of Seminar/workshop/Conferences	Date	Places
1	<b>Dr. Ravinesh Mishra</b>	Received Internation Travel grants participated in 6 <sup>th</sup> Congress of the IATDMCT	<b>2018</b>	IATDMCT, Australia
		International Congress of Therapeutic Drug Monitoring and Clinical Toxicology on “Toxicology safety Assesent of Novel 5,6 – dihydropyridazine-1 (4H) carbohydrazides as an antitubercular agent.”		Brisbane Convention and Exhibition Centre.
		National Conference on Emerging Trends in Computational Drug Discovery	<b>16-17 August, 2018</b>	KIET Group of Institutions Ghaziabad
2	<b>Ms.Ladli Kishore</b>	2 <sup>nd</sup> National hands on workshop on “ <b>Pharmacogenomics using Next Generation Sequencing</b> ”, <b>Experimental Pharmacology Laboratory.</b>	<b>25-25 October 2018</b>	Dept. of Pharmacology, PGIMER Chandigarh.
		An ICMR sponsored workshop on “Antimicrobial Stewardship”	<b>13 April 2019</b>	PGIMER Chandigarh

		Challenges and Nutrition Strategies in Cancer and prevention, treatment”	<b>1<sup>st</sup> September 2019</b>	PGIMER Chandigarh
		Association for promoting scientific education and collaborative research”	<b>April 2019</b>	H.P Mandi Abhilashi University
		Presentation on IPA ( Indian Pharmaceutical Association) PharmaRIA	<b>11-12 September 2019</b>	Vigyan Bhawan New Delhi
<b>3</b>	<b>Ms.Neeru Malik</b>	International conference on “Pharmacology for future: Towards translational approach for next generation Pharmacologists”	<b>October,2018</b>	<b>Maharaja Agarsen University,Baddi</b>
		2 <sup>nd</sup> National Conference REACH on “Exploring Greener Avenues in Healthcare”	<b>March,2019</b>	<b>GD Goenka University.</b>
		National Conference APSECRCON2019 on “Artificial Intelligence: The new era in Pharmaceutical Sciences”	<b>April,2019</b>	<b>Abhilashi university</b>
		IPA Convention PHARMARIA on “Industry and Academia to create a winning Ecosystem”	<b>September, 2019</b>	<b>New Delhi</b>
		National Seminar “Recent Advancements in Experimental Techniques in Pre-Clinical Research and Teaching.”	<b>21 September,2019</b>	<b>Bela,Ropar</b>
		International Conference on “Pharmacy Practice Clinical Research and Pharmacovigilance Trends – 2019” (PPCRPV-2019)	<b>8-9 November, 2019</b>	<b>Chittkara University,Rajpura</b>
<b>4</b>	<b>Ms.Bandna Sharma</b>	International conference on “Pharmacology for future: Towards translational approach for next generation Pharmacologists”	<b>October,2018</b>	<b>Maharaja Agarsen University,Baddi</b>
		2 <sup>nd</sup> National Conference REACH on “Exploring Greener Avenues in Healthcare”	<b>March,2019</b>	<b>GD Goenka University.</b>
		National Conference APSECRCON2019 on	<b>April,2019</b>	<b>Abhilashi university</b>

		<b>“Artificial Intelligence: The new era in Pharmaceutical Sciences”</b>		
		<b>IPA Convention PHARMARIA on “Industry and Academia to create a winning Ecosystem”</b>	<b>September, 2019</b>	<b>New Delhi</b>
<b>5</b>	<b>Ms.Saloni</b>	International conference on <b>“Pharmacology for future: Towards translational approach for next generation Pharmacologists”</b>	<b>October,2018</b>	<b>Maharaja Agarsen University,Baddi</b>
		2 <sup>nd</sup> National Conference <b>REACH</b> on <b>“Exploring Greener Avenues in Healthcare”</b>	<b>March,2019</b>	<b>GD Goenka University.</b>
		National Conference <b>APSECRCON2019</b> on <b>“Artificial Intelligence: The new era in Pharmaceutical Sciences”</b>	<b>April,2019</b>	<b>Abhilashi university</b>
		<b>IPA Convention PHARMARIA on “Industry and Academia to create a winning Ecosystem”</b>	<b>September, 2019</b>	<b>New Delhi</b>
<b>6</b>	<b>Ms. Bhanupriya Sharma</b>	One Day FDP attended for Bloom’s Taxonomy	<b>08/06/2018</b>	<b>Baddi University</b>
		One Day FDP attended for Total Quality Management (TQM)	<b>September, 2018</b>	<b>Baddi University</b>
		International conference on <b>“Pharmacology for future: Towards translational approach for next generation Pharmacologists”</b>	<b>October,2018</b>	<b>Maharaja Agarsen University,Baddi</b>
		2 <sup>nd</sup> National Conference <b>REACH</b> on <b>“Exploring Greener Avenues in Healthcare”</b>	<b>March,2019</b>	<b>GD Goenka University.</b>
		International Conference on <b>“Pharmacy Practice Clinical Research and Pharmacovigilance Trends – 2019” (PPCRPV-2019)</b>	<b>8-9 November, 2019</b>	<b>Chittkara University,Rajpura</b>
<b>7</b>	<b>Ms.Lalita Kumari</b>	International Conference on <b>“Pharmacy Practice Clinical Research and Pharmacovigilance Trends –</b>	<b>8-9 November, 2019</b>	<b>Chittkara University,Rajpura</b>

		<b>2019” (PPCRPV-2019</b>		
		International conference on “Pharmacology for future: Towards translational approach for next generation Pharmacologists”	<b>October,2018</b>	<b>Maharaja Agarsen University,Baddi</b>
		<b>IPA Convention PHARMARIA on “Industry and Academia to create a winning Ecosystem”</b>	<b>September, 2019</b>	<b>New Delhi</b>
		International Conference on “Pharmacy Practice Clinical Research and Pharmacovigilance Trends – 2019” (PPCRPV-2019	8-9 November, 2019	<b>Chittkara University,Rajpura</b>
<b>8</b>	<b>Ms.Pruna Thakur</b>	International conference on “Pharmacology for future: Towards translational approach for next generation Pharmacologists”	<b>October,2018</b>	<b>Maharaja Agarsen University,Baddi</b>
		<b>2<sup>nd</sup> National Conference REACH on “Exploring Greener Avenues in Healthcare”</b>	<b>March,2019</b>	<b>GD Goenka University.</b>
		National Conference <b>APSECRCON2019</b> on “Artificial Intelligence: The new era in Pharmaceutical Sciences”	<b>April,2019</b>	<b>Abhilashi university</b>
		<b>IPA Convention PHARMARIA on “Industry and Academia to create a winning Ecosystem”</b>	<b>September, 2019</b>	<b>New Delhi</b>
		International Conference on “Pharmacy Practice Clinical Research and Pharmacovigilance Trends – 2019” (PPCRPV-2019	8-9 November, 2019	<b>Chittkara University,Rajpura</b>
<b>9</b>	<b>Ms. Sheetal Sharma</b>	International conference on “Pharmacology for future: Towards translational approach for next generation Pharmacologists”	<b>October,2018</b>	<b>Maharaja Agarsen University,Baddi</b>
		<b>2<sup>nd</sup> National Conference REACH on “Exploring Greener Avenues in Healthcare”</b>	<b>March,2019</b>	<b>GD Goenka University.</b>
		National Conference	<b>April,2019</b>	<b>Abhilashi</b>

		<b>APSECRCON2019</b> on “Artificial Intelligence: The new era in Pharmaceutical Sciences”		university
<b>10</b>	<b>Ms.Disha Pathak</b>	International conference on “Pharmacology for future: Towards translational approach for next generation Pharmacologists”	<b>October,2018</b>	<b>Maharaja Agarsen University,Baddi</b>
		National Conference <b>APSECRCON2019</b> on “Artificial Intelligence: The new era in Pharmaceutical Sciences”	<b>April,2019</b>	<b>Abhilashi university</b>
		International Conference on “Pharmacy Practice Clinical Research and Pharmacovigilance Trends – 2019” (PPCRPV-2019	8-9 November, 2019	<b>Chittkara University,Rajpura</b>
<b>11</b>	<b>Amanpreet Kaur</b>	Teacher training Programmer “The buddy program” organized by Punjab government”	<b>10 Jan.,2018</b>	<b>Govt. college Mohali,Mohali 6 Phase.</b>
		FDP “Challenges of pharmaceutical education, teaching and research and Role of teacher” sponsored by PCI, New Delhi”	16 TO 18 August 2018	<b>Bela,Ropar</b>
		2 <sup>nd</sup> National Conference <b>REACH</b> on “Exploring Greener Avenues in Healthcare”		<b>GD Goenka University</b>
		National Seminar on “Recent trends in radiopharmaceutical in drugs discoveries quality safety and regulations perspectives”	12 TO 13 September, 2019	Himachal Pharmacy College, Majhauali/Maganpur a
		Faculty Development Program On "Enhancing Moral, Ethical and Emotional competencies in Pharmacy students: The need for paradigm shift in pedagogy"	5 to 19 October,2019	<b>Bela,Ropar</b>
		International Conference on “Pharmacy Practice Clinical	8-9 November,	<b>Chittkara University,Rajpura</b>

		<b>Research and Pharmacovigilance Trends – 2019” (PPCRPV-2019)</b>	2019	
12	Ms. Alka Sharma	International conference on “Pharmacology for future: Towards translational approach for next generation Pharmacologists”	October,2018	Maharaja Agarsen University,Baddi
		International Conference on “Pharmacy Practice Clinical Research and Pharmacovigilance Trends – 2019” (PPCRPV-2019)	8-9 November, 2019	Chittkara University,Rajpura
13	Ms. Saroj Kumari	National Seminar on “Recent trends in radiopharmaceutical in drugs discoveries quality safety and regulations perspectives”	12to13 September, 2019	Himachal Pharmacy College, Majhauali/Maganpur a
		Faculty development “Programme on teaching pedagogy in digital age: opportunities & challenges”	4 May,2019	MM school of pharmacy Ambala

### Research publications

- Current regulatory challenges and approaches in the registration of herbal drugs in Europe, Clinical Research and Regulatory Affairs, (Taylor & Francis) DOI:10.3109/10601333.2016.1130717.
- Chemistry & Biology of Genus *Wedelia*: A Review, Indian Journal of Natural Product Resources, (CSIR), 6 (2), 71-90.

### Research papers communicated

- Spectral and Chemical Studies on Diosgenin from *Costus speciosus* (Koeing) Sm. Rhizomes and its effects on Brain Neurotransmitter and Enzyme Monoamine oxidase following Cold Immobilization Stress. The Natural Product Journal (Bentham Science).
- Antinociceptive Activity of Ethanolic Extract of *Wedelia chinensis*. Ancient Science of Life.
- Pharmacognostical, Physicochemical, Preliminary Phytochemical Standardization and HPTLC studies of *Wedelia chinensis* Leaves. **South African Journal of Botany (Elsevier).**

### Research papers presented in conferences and symposium

- **Evidence Based Alternative and Complimentary System of Medicine In India and China: Challenges and opportunities”** presented in **National Conference cum workshop on “Exploration of Himalayan Natural Wealth for Drug Discovery”** on April,

**22-23, 2016, organized by** School of Pharmaceutical Sciences, Shoolini University, Solan in association with Department of Science & Technology.

- “Importance of Nanotechnology-Based Drug Delivery Systems for Herbal Medicines” presented in National Seminar on Pharmaceutical Nanotechnology: Current Scenario and Future Prospects” February 27, 2016 organized by PCTE group of Institutions, Ludhiana in association with I K Gujral Panjab Technical University, Jalandhar.
- “Academic Adoption Programme: A Synergy between Academic and Industry Partnership” presented in 20<sup>th</sup> Annual National Convention (APTICON 2015), Association of Pharmaceutical Teachers of India, on “Strategic Approaches to Strengthen Academic and Industrial Collaboration” October 9-11, 2015 organized by Pharmacu Colleges of M.P., at Jiwaji University Indore, M.P.
- “Safety, Efficacy, Quality Control, Marketing and Regulatory Guidelines for Herbal Medicines (Phytotherapeutic Agents)”, presented in *1<sup>st</sup> Industry-Academia Interaction Seminar on “Quality Standards In Herbal Drug Industry- Challenges and Future Course” on 13-14, February, 2015*, organized by Sri Sai College of Pharmacy, Badhani-Pathankot, India.
- “Recent Advances In Analysis Of Indian Medical Plants and Traditional Medicines” presented in *International Conference on Global Trends in Pharmaceutical and Clinical Practices on 7<sup>th</sup> February, 2015*, organized by Teerthanker Mahaveer College of Pharmacy, TMU, Moradabd in collaboration with Department of Science and Technology, Government of India, New Delhi.
- "Importance and Pharmaceutical Applications of Various Natural Gums, Mucilages and their Modified Forms in Drug Delivery System " presented in *one day Symposium on 'Emerging Trends in Pharmaceutical Sciences' on 6<sup>th</sup> February, 2015*, organized by University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh.

#### **Awards and Achivements**

#### **DEPARTMENTAL ACHIEVEMENTS**

- SPES has published first volume of Biannual Journal “**Emerging Trends in Pharmaceutical Sciences**” having ISSN: 2455-7919.
- SPES has **registered** for Committee for the Purpose of Control and Supervision of Experiments on Animals (**CPCSEA**).
- The research profiles of SPES faculty members reflect the international standards (more than 300 research publications and 18 patents).
- SPES has formed a **Baddi University Pharmaceutical Association (BUPA)** for alumni of SPES students and to promote professional, academic, sports, cultural, and social activities amongst its members.
- LSSSDC certified Skill Development Programme in Lab. Technician completed in September, 2019.
- Dr. Nitin Verma Selected as CPCSEA Nominee from **Ministry of Environment Forest and Climate Change, Govt. of India, New Delhi**.
- Blood Donation Camp was organized in association with Rotary Club, Chandigarh.
- Dr. Sumit Jamwal, AP, SPES has been to pursue Postdoctoral training at Yale School of Medicine, USA for 2 years w.e.f. 1 st Aug, 2019.



- BUPA has organized a “World Pharmacist Day on 25<sup>th</sup> September 2019 in line with International Pharmaceutical Federation (FIP).
- In line with International Pharmaceutical Federation ), SPES under the banner BUPA celebrated 58th National Pharmacy Week from 18-22 November, 2019. Various events such as: Sports activities, Guest Lecture, Tag line competition, Health Check up Camp, Ayurveda Panchkarma Camp and etc.
- SPES has organized “Public Awareness Rally on DRUG ABUSE” with a National agenda “MAKE INDIA DRUG FREE” at Baddi as well as Nalagarh. Mr. Navneet Marwaha, State Drugs Controller H. P. flagged off the rally from the premises of State Drugs Controller, Baddi to the main market Baddi and Nalagarh.

### **EXPERTS VISIT FROM INDUSTRY & ACADEMIA**

- Mr. Sanjog from CSR team of CIPLA Foundation, Mumbai has visited SPES on 9th of June, 2016 for exploring QIP programme under CIPLA CSR program.
- Mr. P Krishna Sai, Senior HR Manager, Hyderabad and Ms. Puja Sharma, HR manager, Baddi, Dr Reddy’s Lab Ltd. visited SPES (on 8th January 2016) for possible collaboration with SPES specifically related to enrollment of Dr Reddy’s employee for B. Sc. and LSSSDC-Skill Development Programme.
- Mr. Anurag Mishra, CSR Head, CIPLA Ltd visited SPES on 16th November 2015 to explore the possibility of education for their employees.
- Prof. S. K. Gabhe, Former Head, SNTD, Mumbai and Professor, Poona College of Pharmacy visited SPES on 6<sup>th</sup> September 2015 as an expert from AICTE-CII survey committee.

### **STUDENTS’ ACHIEVEMENT**

Sr. No.	BUPIN	Name	Father’s Name	CGPA/ %age	Passing	Award
1	15UPH030	Amrita	Pradeep Kumar	9.55	2019	1 <sup>st</sup>
2	15UPH059	Sanjeeta Thakur	Vishesh Kumar	9.17	2019	2 <sup>nd</sup>
3	15UPH042	Vikram Kumar	Ram Lal	8.97	2019	3 <sup>rd</sup>
4	17PPH002	Anisha Singh	Anil Kumar	8.70	2019	1 <sup>st</sup>
5	17PPH004	Harshita Singh	Prem Chand	8.20	2019	2 <sup>nd</sup>
6	17PPH008	Sarika Gupta	Satish Chandra	8.06	2019	3 <sup>rd</sup>
7	17PPM002	Ankita Rani	Darshan Singh	8.96	2019	1 <sup>st</sup>
8	17PPM001	Amandeep Kaur	Bhupender Singh	8.57	2019	2 <sup>nd</sup>
9	17PPM005	Shivali	Ranbir Singh	8.57	2019	2 <sup>nd</sup>
10	17DIP013	Muskan Verma	Sunil Kumar	87.0%	2019	1 <sup>st</sup>
11	17DIP002	Charan Das	Rajender Singh	81.4%	2019	2 <sup>nd</sup>
12	17DIP025	Anjali Dogra	Surender Kumar	81.3%	2019	3 <sup>rd</sup>
GPAT Qualified Students						
1.	15UPH047	Sahil Sharma	Sandeep Sharma	2019 GPAT Qualified		
2.	15UPH062	Shubham	Chand Mohan	2019 GPAT Qualified		
3.	16UPH077	Muskan	Ramesh Aggrawal	2019 GPAT Qualified		



NIPER Qualified Students				
1.	15UPH047	Sahil Sharma	Sandeep Sharma	2019 NIPER Qualified
2.	15UPH062	Shubham	Chand Mohan	2019 NIPER Qualified

## SCHOOL OF MANAGEMENT STUDIES

### PROFILE

The School of Management Studies (SMS) holds the vision of shaping leaders for exigent corporate houses the world over. Since its inception, the school has set standards to help in shaping proficient management students to reach the supreme echelons in the professional world.

SMS aims to create an environment in which students undergo the process of empirical learning through exposure to a range of real world practical problems and utilizing opportunities to apply learned skills in diverse business situations. The project-based learning combined with lectures, case studies, role plays, industrial visits, business games etc. help in learning activities that are long-term, interdisciplinary, and integrated with real world issues and practices. Students are encouraged to work with people of different backgrounds which help in the refinement of skills, and give them an edge over others at the time of summer training and final placements.

### ACADEMIC PROGRAMMES

- **BBA** programme inculcates in students the skills of management through a real-world curriculum in order to prepare them for managing every aspect of a business, and for its growth and stability, depending on the overall goals.
- **B.Com** is one of the most rewarding and promising careers for young aspirants interested in pursuing career in finance and accounts. It will equip students with the knowledge and skills necessary to compete successfully for challenging positions in industry. Our endeavor is to sensitize students to be a thinker and problem solvers, should be able to contribute wherever they work.
- **Master of Business Administration** program offered by the University is a two year degree program. The aim of **SMS** is to make this education relevant to the global needs. The course is designed equip students with a range of analytical, strategic, leadership & business skills that help them operate successfully in the corporate environment. The program offers ample choice of Major and Minor specializations in any of the two selected areas such as:
  - Marketing Management
  - Finance Management
  - Human Resource Management
  - Real Estate Management
  - Retail Management

- Hospitality & Tourism Management
- Pharmaceutical Management (in association with Abbott Health Care Pvt. Ltd.)

- **Ph.D Regular**

## **INDUSTRY INSTITUTE PARTNERSHIP PROGRAMME**

Industry Institute Partnership forms an important activity for any academic institute as its stakeholders interact with the real world. The students are benefited due to exposure to current industry practices, updating are possible as and when changes occur in technology, teaching faculty get sensitized to the latest practices leading them to blend real-time exposure with usual theoretical teaching methods.

On successful interaction, Industry may realize that Academia has more to offer by way of solving their short term and long term technical problems, provide a manpower resource pool with good industry orientation and a source for updating the knowledge sets of its personnel. Industries and Technical Institution have a strong mutuality of interest which forms the basis of a partnership between them to bridge the gap between the Institution and Industries. IIP CELL aims at effective, frequent and mutually beneficial interactions with Industry and establishing and exploring links with industries for the development of the Institute.

## **ACADEMIC ACTIVITIES**

### **Seminars/Conferences/Workshops organized**

School of Management Studies at Baddi University of Emerging Sciences and Technology organized 4th national conference on "**Digital social transformation: A Management Perspective**" on Aug. 30, 2019. Dr Somitra Sanadhya, HOD-CSE, IIT Ropar was the keynote speaker and Dr Sanjeev Chaddha, Professor & head, MDC, MGSIPA and Dr P K Vasudeva, Former Senior Professor at ICFAI were the chairperson for both technical sessions.

### **Workshop organized**

- School of Management Studies, Baddi University of Emerging Sciences and Technology organized workshop on 12 March - 14th March, 2019 on ***latest Digital modes of marketing & their important uses***. Mr. Shanky Bansal Director, Click Multimedia and Data Analytics Pvt. Ltd. uphold the session. About 90 Students of MBA participated in this workshop and learnt about how they can use social media in marketing and Branding of Individual & business.

- School of Management Studies, Baddi University of Emerging Sciences and Technology organized 3 days' workshop on ***Microsoft Excel Practices for Corporate*** for students of Masters of Business Administration (MBA) on February 18-20, 2019. Dr Amit Srivastava, Associate Professor, Jaypee University of Information Technology, holding 16 years of rich experience in academics uphold the session. The Session was very fruitful and full of learning for students that will help them to excel in corporate world.

### **Faculty Development Programme**

A faculty development programme was conducted in School of Management Studies on 4<sup>th</sup> October, 2018. Dr Badar Alam Iqbal, Emeritus Professor and Chairman to the Institute FBIAR & IUBAT delivered a lecture on **How to do an Effective Research**. School of Management Studies organized one day international conference on “Confluence of Management, Technology and Social Sciences 2018’ on October 5, 2018. Two eminent personalities Dr Badar Alam Iqbal, Emeritus Professor and Chairman to the Institute FBIAR & IUBAT and Adjunct Professor, Faculty of Economics and Finance, Monarch University Zug (Switzerland) and Dr Rakhi Gupta, Faculty of Commerce, Banaras Hindu University were being invited as key note speaker/ session chairperson.

### **GUEST LECTURES**

In today's scenario management course is no longer about an exhaustive curriculum, an increasingly competitive business landscape demands exposure beyond books. Industry Interface is perhaps the most critical differentiator for management institutions worldwide. The school strongly believes in establishing a firm foundation for corporate interface through inviting eminent individuals from industry to interact and share their experiences with students and faculty members regularly.

Date	Guest Speaker	Designation	Organization	Topic
10/9/2018	Mr. B.P Gupta Chairman	Chairman	Turn Around Educational and Consultancy Services.	Investor's Awareness Programe
16/11/2018	Mr. Joginder Kainthla	HR Head,	Sentiss Pharma Pvt. Ltd, Nalagarh	Industrial relations management

26/11/2018	Mr. Mathew John	GM operations	Naxpar Pharma Pvt. Ltd	The Success Sutra: An approach by management skills
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## INDUSTRIAL VISITS

Industrial visits are a crucial part of MBA curriculum. It provides an opportunity to the students to comprehend the actual implementation of industry and get exposed to various work cultures and guidelines followed by the industry. The students at SMS Department have visited following companies in session

Date	Name of Company	Class	Semester	Faculty Accompanied
26/09/18	Vardhman Textiles Baddi Ltd	MBA and BBA	1 <sup>st</sup>	Ms. Ruhi and Mr. Balraj
01/02/19	Fresenius Kabi	MBA	3 <sup>rd</sup>	Ms. Bhavna Sharma

## LIVE PROJECTS

- 2 students of MBA 2nd semester were sent by School of Management Studies to Fresenius Kabi for summer training on 13 th April, 2019.

## RESEARCH ACTIVITIES

**Dr. Poonam Bassi**

### Conferences/ Workshops Organized:

Organized National Conference titled **Digital social transformation: A Management Perspective"** in School of Management Studies of Baddi University of Emerging Sciences and Technology on on Aug. 30, 2019.

*(Organizing Secretary)*

### Publications

- Bassi P.(2019) Organized Retail: A Set Back for India's Unorganized Retail published in International Journal for Research in Engineering Application and Management Vol. 04, Issue 12, March, 2019, ISSN No. 2454-9150, Impact factor 5.646.

- Bassi P.(2019) Impact of Organized Retail on Unorganized Retail in conference proceedings of National Conference on Impact of Technology on Commerce, Management and Science at Jindal first Grade College for Women held on 15 February, 2019.

### **Ms. Varsha Gupta**

#### **Conferences/ Workshops Organized:**

- Organized National Conference titled **Digital social transformation: A Management Perspective'** in **School of Management Studies of Baddi University of Emerging Sciences and Technology** on on Aug. 30, 2019.

*(Convernor)*

#### **Conference attended**

- Presented research paper titled **Fidntech Solution Towards Sustainable Development Of MSME** in Conference at MGSIPAP, Chandigarh Held on December 5, 2018

#### **Publications**

- Gupta V., Chaddha,S., (2018) 'Role and Contribution of Commercial Banks in Fulfilling Funding Requirement of MSMEs of Himachal Pradesh, in International Journal for Research in Engineering Application & Management (IJREAM); ISSN : 2454-9150 Vol-04, Issue-07, Oct 2018, pp 422-431, UGC listed. Technical impact factor 5.684.Oct-2018
- Gupta V., J S Saini, J.S., Chaddha,S., (2018) MSME Financing: Growth and Challenges, International Journal for Research in Engineering Application & Management (IJREAM); ISSN : 2454-9150 Vol-04, Issue-07, Oct 2018, pp 716-727, UGC listed. Technical impact factor 5.684, Oct-2018
- Gupta V., Chaddha,S., (2018), study on Performance Evaluation of Microfinance Institutions in India– an Empirical Analysis, A Biz and Bytes, E-ISSN: 0976 0458, Print ISSN: 2320 897X, Sep-2018

### **Ms. Bhavna Sharma**

#### **Conference attended**

- Presented research paper titled **Impact of promotion mix on luxury brands in India** in the 2nd doctoral research consortium held at Chitkara University, Punjab on dated 17<sup>th</sup>-18<sup>th</sup> , May; 2019.
- Presented research paper titled **Mobile location based services- Futuristic approach to marketing"** in the National conference on impact of technology on commerce, Management

and science held at Jindal First grade college for women, Bangalore on dated 15th, February; 2019.

- Presented research paper titled sustainable development and lifestyle pattern in national conference on United Nations Sustainable Development goals (SDG-2030), held at Mahatma Gandhi State institute of public administration, Chandigarh on dated 5th, Dec; 2018.
- Presented research paper titled Consumer Buying Decision towards Luxury goods in the Inter-National conference – Confluence of management, technology and social sciences (ICCMTSS) held at Baddi University, Baddi on dated 5th, October; 2018.

### **Publications**

- Sharma B.(2019) ‘Skill Development: Key to Digital transformation’ published in the proceedings of 4<sup>th</sup> National conference on Digital Social Transformation: Mananagement Perspective, held at Baddi, Baddi University, Baddi on dated 30<sup>th</sup>, August; 2019

### **Ms. Alka Sood**

### **Publications**

- Sood Alka (2019) Women Entrepreneurship Challenges and Empowerment through Self Help Groups: An Overview of Himachal Pradesh published in conference proceedings of national conference titled Impact of Technology on Commerce, Management and Science at Jindal first Grade College for Women held on 15 February, 2019.
- Sood Alka (2019) The Impact of Social Media on Teacher's Performance: A Case of Higher Educational Institutions of Himachal Pradesh published in conference proceedings of national conference titled Digital Social Transformation: A Management Perspective held at Baddi University of Emerging Sciences and Technology on 30th August, 2019.

### **Workshops attended**

- Attended workshop organized by QCFI in collaboration with Godrej Consumers Baddi on *Quality Concept Circle* on 27 September, 2018 at Hotel K C cross road panchkula.

### **Ms. Chitra**

#### **Publications**

- Chitra (2018) Knowledge Management published in conference proceedings of National conference held at Delhi Institute of Advanced Studies, Delhi on 5th Jan 2019.
- Special Education: Practices and Challenges “Tutoring a child with a Learning Disability: Issues and Challenges in 2018.
- Chandigarh University book Review published in "Emerging Perspectives in Management, Entrepreneurship and Innovation “Knowledge Management Strategy: Putting Knowledge to Work, Wisely!” in 2018
- Chitra (2018) Bridging the gap between learning and teaching styles: Pedagogy towards Professional Development published in conference proceedings of 9th National Conference held at GIBS, Rohini, new Delhi on 7th Dec. 2018

### **Ms. Ruhi**

#### **Workshops attended**

- Attended workshop organized by QCFI in collaboration with Godrej Consumers Baddi on *Quality Concept Circle* on 27 September, 2018 at Hotel K C cross road panchkula.

### **STUDENTS' ACHIEVEMENT**

Class	I	II	III
MBA 2018	Ritick Singla (8.64)	Ridhi Yadav (8.45)	Ranjana Devi (8.42)
MBA 2017	Abhishek Puri (8.94)	Sonika Prashar (8.62)	Nisha Rani (8.32)
BBA 2018	Nayan (9.23)	Ranjana (9.02)	Shivanshu (7.38)
BBA 2017	Deeksha Chandel (6.35)	Pankaj Kumar (6.21)	Akash Sood (6.08)
BBA 2016	Rohit Sharma (7.49)	Vijender Sharma (7.43)	Navjot (7.03)



B.COM 2018	Harpreet Kaur (8.77)	Bhumika (7.88)	Palik Sharma (7.33)
B.COM 2017	Ramandeep (9.42)	Navneet Kaur (8.90)	Amandeep (8.34)
B.COM 2016	Sachin (8.13)	Neelam (8.06)	Kritima (7.57)

### PLACEMENTS (MBA Students)

Abhishek	HDFC Bank	MBA	1.8 L- 1.68L
Abhishek Puri	HDFC Bank	MBA	1.8 L- 1.68L
Sahil Gautam	HDFC Bank	MBA	1.8 L- 1.68L
Virendar Vishal	HDFC Bank	MBA	1.8 L- 1.68L
Sumit Kanwar	HDFC Bank	MBA	1.8 L- 1.68L
Anshul Sharma	HDFC Bank	MBA	1.8 L- 1.68L
Vikrant Pathania	HDFC Bank	MBA	1.8 L- 1.68L
Pankaj Rana	HDFC Bank	MBA	1.8 L- 1.68L
Abhishek Puri	Hail Himalayas	MBA	1.68L
Kulvinder Singh	Direct Watts Set Pvt Ltd	MBA	2.5 L
Anshul Sharma	Direct Watts Set Pvt Ltd	MBA	2.5 L
Ankit	Direct Watts Set Pvt Ltd	MBA	2.5 L
Pankaj raana	Direct Watts Set Pvt Ltd	MBA	2.5 L
Anshul Sharma	Direct Watts Set Pvt Ltd	MBA	2.5 L
Sonika Parashar	Karvy	MBA	
Nisha	Forbcorp Pvt Ltd	MBA	
Abhishek Sharma	Oberoi Vanyavilas Hotel	MBA	1.7 L
Vivek Rana	HDB Financial Services	MBA	2.16L
Ankit	HDB Financial Services	MBA	2.16L
Arun Mehra	HDB Financial Services	MBA	2.16L
Harkirat Singh	Bunge India	MBA	4.50L
Anshul Sharma	HDB Financial Services	MBA	2.16L
Ankit Sood	HDB Financial Services	MBA	2.16L
Vikrant Pathania	HDB Financial Services	MBA	2.16L

### CII-YI ACTIVITIES

An initiative was taken by School of Management Studies to start Yuva Chaupal in association with CII-Yi under the guidance of Mr Rajender Guleria Dean IIPP. MOU was signed between BUEST and CII-YI on 23rd Oct, 2018. Registrar BUEST Dr T.R. Nandal signed MOU on behalf

of BUEST. Mr Rajeev Kumar Assistant Professor School of Management Studies will act as faculty coordinator to look after Cli-YI activities.

### **MANAGEMENT FEST - PRABANDHOTSAV 2019**

School of Management Studies, Baddi University of Emerging Sciences and Technology organized **“Prabandhotsav2019-Ocean of Creativity”**, management Fest on 8th march, 2019. There were 12 events in total in one day: Bech Ke Batao, Mock Interview, Business Plan, Management Quiz, Solo Singing Solo Dancing, Group Dance, Group Singing, Rap Battle, Poster Making, Pot Decoration, Rangoli. More than 100 participants from 12 various colleges and universities like Govt, DC Nalagarh, Maharaja Agrasen University,, Centre of excellence sanjauli, DAV College jalalabad, P.G.C. Nalagarh, GDC Barotiwala, Govt. College kangra, Govt college Bangana, Swami Devi College, Panchkula, Chitkara university, Khalsa College Chandigarh, S.G.G.S college Chd participated in various events. Sponsors for the event were TVS motors, Shri Ram Health Care Ltd, Canam Consultant Ltd., Shivalik Solid waste Management Ltd, Vardhman, DSP Precision Ltd, Luminious, Power Star, Birla Textile, OPPO, OM Plastic, Raj Infrastructure creator, ACCL, Winsome Textiles, JB Conductors, Elin, Golden Tyre retreading, Cream bell and Arun Straping Solution. Aashman foundation was the NGO partner for the event. Ms. Akshita Gupta, Director, Axiom Control Ltd was the chief guest for the function.

## **SCHOOL OF SCIENCES**

### **PROFILE**

The School of Sciences, formerly known as Department of Applied Sciences and Humanities, was established in Dec. 2015. School of Sciences is dedicated to showcase the application of sciences in varied fields. The School strives to impart quality education in the areas of Mathematics, Physics, Chemistry and Humanities for the development of future technocrats and researchers.

### **COURSES OFFERED**

- B. Sc (Non Medical) (Three years regular)
- B. Sc Chemistry (Hons.) (Three years regular)
- M. Sc (Chemistry) (Two years regular)
- M.Sc (Physics)(Two years regular)
- M.Sc (Mathematics) (Two years regular)
- M.Sc (Microbiology)(Two years regular)

### **LAB FACILITIES**

- Chemistry lab
- Physics lab
- Microbiology lab
- Communication and Professional Skills lab

### **MEMORANDUM OF UNDERSTANDING**

- In order to build up a strong Industry-Academia relationship, BUEST signed an MOU with Wockhardt Pharmaceutical Limited, Baddi. The faculty members from English language, Dr. Shelly Manan and Dr. Pallavi Bhardwaj, visited the company every Friday to train the employees for basic English language.

### **FACULTY DEVELOPMENT PROGRAMS**

- One day FDP on the topic entitled ‘**Professional Development and Classroom Management**’ was organized on 24<sup>th</sup> September, 2018. The resource persons were Prof.(Dr.) Deepti Gupta, Department of English and Dr. Sanjeev Gupta from Punjab University, Chandigarh.

### **IN-HOUSE FDPS**

- Dr. Manjinder Kaur, Asstt. Prof. Microbiology, School of Sciences delivered an FDP on December 27, 2018 on “**Stem cells and their role in Healthcare**”.
- Mr. Deepak Verma, Asstt. Prof. Mathematics, School of Sciences delivered an FDP on December 29, 2018 on the topic,” **Internal Security Using Mac Filtering**”.

## INDUSTRIAL VISITS

- An Industrial visit, for the students of M.Sc Chemistry and B.Sc. was organized to Wockhardt Pharmaceutical Company on 21 November, 2018.
- An industrial visit was organised by **School of Sciences on Feb.20, 2019 to “Acme Generics”** located in Davni Industrial area, Baddi for the first year students of M.Sc. Microbiology and M.Sc Chemistry.

## INDUSTRIAL TRAINING

- Five girl students of M.Sc. Chemistry took one month industrial training in **CIPLA LIMITED**, Baddi from Dec.18 to Jan.19

## INTER SCHOOL COMPETITION

- An inter school competition was organized by SOS at Baddi University on **26<sup>th</sup> November, 2018** with a view to disseminate awareness on Constitutional and Legal rights of Women. Cash prizes were distributed to the top three winners by Dean Academics, Brig. Subhash Katoch.

## EXPERT LECTURES

- An Expert lecture was organized for M.Sc. Chemistry students on 27th November, 2018 on **“Conventional and Computational Studies of Organotin (IV) Complexes”**. The speaker was Prof.(Dr.) Harminder Kaur, Head, Department of Applied Sciences, PEC University, Chandigarh.
- An expert lecture was organized for the faculty on the topic **“Universe, Stars and Life”** on 12th June, 2019 in SEET Seminar Hall. The speaker was Prof. Emeritus Dr. Tej Vir Singh.

## FACULTY

**Ms. Nidhi Gupta**

### Publication(s)

- Comparative Analysis of Heavy Metal Concentration in Pharmaceutical Effluents before and after Treatment in CETP, Baddi, Himachal Pradesh, India,(2019), International Journal of Research and Analytical Reviews, 6(1): pp72-78.
- “Comparative analysis on Biological Reduction in BOD and COD Concentration in Pharmaceutical Effluents (Before and after treatment) by using Selective Microbial Strains, Baddi Region,H.P., India”, Journal of Emerging Technologies and Innovative research, vol. 6, issue2, pp. 99-105, Feb.2019.

### **Dr. Gourav Gupta**

#### **Publication(s)**

- “An alternate for the IBFS of category 1 uncertain transportation problem” has been published in the ‘Proceedings of the National Academy of Sciences’, October, 2018.

### **Dr. Arush Sharma**

#### **Publication(s)**

- “Efficient Removal of Congo Red Dye from Aqueous Solution by *Cornulaca monacantha* Stem and Biomass Based Activated Carbon: Isotherm, Kinetic And Thermodynamics”, September, 2018.

#### **Publications (International Book Chapters)**

- “Self-assembled Graphene Oxides For Diverse Applications, Graphene Oxide: Advances in Research and Applications, Nova Publisher chapter 12, 2018.
- ‘ Photocatalytical Degradation of Pesticides, ELSEVIER 2019.
- “Carbon nanomaterial as the Emerging Class: Current and Future Perspective: Green nanocomposites; Advances and Applications in Environmentally Friendly Carbon Nanomaterial, Lambert Academic Publishing (Germany), 2019.
- Visible-assisted Catalytic Degradations of Naphthalene and 2-Naphthol using Activated Carbon Encapsulated Magnetic Nanocomposites. Communicated, Chemosphere, 2019.

#### **Conference(s)**

- Presented paper in 6th Annual National Conference on “**Science: Emerging Scenario and Future Challenges 2018**” organized by Him Science Congress Association Solan, H.P. India and held at NIT Hamirpur , HP.

### **Dr. Rishika Bhardwaj**

#### **Publication(s)**

- “Observations of Higgs Boson Decay to Bottom Quarks” has been published in Physics Review Letter on 17 th September, 2018.
- “Search for a Charged Higgs Boson Decaying into Top and Bottom Quarks in Proton-Proton Collisions at Center Of Mass Energy of 13tev in Events with Electrons or Muons”. J.High Energy Physics, 2019.

### **Ms. Daisy Kalra**

#### **Publication(s)**

- Collaboration paper entitled “Observation of seasonal variation of atmospheric multiple-muon events in the NOvA near detector”, Published in Phys. Rev. D.99 (2019).

### **Ms. Harpreet Kaur**

#### **Publication(s)**

- “Evaluation Of Industrial Effluents and Soil Properties Near Pharmaceutical Companies Of Himachal Pradesh (INDIA)”IJCIET, 2019.

### **Ms. Silky Bansal**

#### **Publication(s)**

- Analytical Solution of a vibrational problem for viscoelastic plate with Kelvin type boundary conditions, Journal of VibroEngineering, September 2019, vol. 21, Issue 6.

#### **Seminars & Conferences**

- Research Paper presented in a National Seminar on ‘**Advances in Mathematical & Information Sciences**’ organized by SGTB Khalsa College, Sri Anandpur Sahib (DBT sponsored) on 23Feb, 2019.
- Paper Presented in 3 rd National Conference on ‘**Recent Innovations in Emerging Technology & Sciences**’ organized by JBIT Dehardun on August 9 -10.

#### **Workshop attended**

- Attended a three day workshop on “**Latex and technical writing**” from 20<sup>th</sup> to 22<sup>nd</sup> November 2018, at Punjabi University Patiala.

#### **Gold Medal**

- Gold Medal in M.Sc. Mathematics by Honorable Chief Minister of Himachal Pradesh, Sh. Jai Ram Thakur, Maharaja Agrasen University.

#### **ACTIVITIES ORGANIZED**

- Students participated in “**Best out of waste**” event organized on 5 th April, 2019.
- An interactive session of students of M.Sc Chemistry with Prof. Emeritus Dr. TejVir Singh was organized on 17 th April, 2019.

#### **NATIONAL SCIENCE DAY**

To commemorate the discovery of 'Raman Effect', which led to Indian scientist Sir Chandrasekhara Venkata Raman winning the Noble Prize in Physics in 1930, National Science Day was celebrated under the banner of ‘**Techno Science**’ in Emanation 2019. The basic objective of the celebration of National Science Day was to propagate the message of the importance of science and its applications among the students through various Project & Poster Exhibitions.

## STUDENTS' ACADEMIC ACHIEVEMENTS

### M.Sc Physics-I year 2<sup>nd</sup> sem (2018-2020)

Sr.no	BUIPN	Name	CGPA	Grades
1	18PPY003	Kashish Verma	8.78	Gold
2	18PPY002	Dinesh Thakur	7.02	Silver

### M.Sc Physics-II Year 4<sup>th</sup> sem (2018-2020)

3	17PPY005	Sara Khan	9.51	Gold
4	17PPY001	Kiran Kumari	8.97	Silver
5	17PPY004	Sapna Devi	6.33	Bronze

### M.Sc Mathematics I year (2018-2020)

Sr.no	BUIPN	Name	CGPA	Grades
1	18PMA005	Chahat Bassi	9.27	Gold
2	18PMA006	Manisha Devi	9.21	Silver
3	18PMA007	Kusum lata	8.30	Bronze

### M.Sc Chemistry – II Year 4<sup>th</sup> sem (2018-2020)

Sr.no	BUIPN	Name	CGPA	Grades
1	17PCH008	Emelda Devi	9.79	Gold
2	18PCH027	Pooja Sharma	9.43	Silver
3	18PCH030	Santosh Kumari	9.01	Bronze

### M.Sc Chemistry – I year 2<sup>nd</sup> sem (2018-2020)

Sr.no	BUIPN	Name	CGPA	Grades
1	18PCH014	Priya Verma	9.62	Gold
2	18PCH012	Priyanka	9.08	Silver
3	18PCH016	Dinesh Sharma	9.08	Silver
4	18PCH022	Manisha Devi	9.00	Bronze

## PLACEMENTS

### (M.Sc. Chemistry)

Total No. of Students	Interested Students in the Campus Placement	Placed Students	Name of Company
39 (2017-19)	17	13	Cipla, Macleod Pharma, Morepen, Cadilla, Torrent, Sentiss Pharma, Nectar etc.

# **SCHOOL OF AGRICULTURAL SCIENCES**

## **PROFILE**

The School of Agricultural Sciences started B.Sc.(Hons.) Agriculture, degree programme from the academic year 2018-19 with the first batch of 37 students and presently there are two classes (1st & 2<sup>nd</sup> year) with total strength of 58 students. In a short period since its inception, the SOAS could boast of good infrastructure such as, well equipped laboratories, farms, and departmental library with adequate number of books meeting the requirement of all courses as per ICAR/5<sup>th</sup> Deans Committee recommendations. The School attaches great importance to maintaining high professional standards in dispensing education, to turn out highly competent professionals to serve the society.

## **COURSES OFFERED**

- B.Sc.(Hons.) Agriculture

## **LAB FACILITIES**

- Agronomy/Soil Science Lab
- Entomology Lab
- Plant Breeding & Genetics, Plant Pathology Lab
- Agri. Engineering Lab
- Horticulture/Vegetable Science Lab

## **GUEST LECTURES**

Guest lectures are often conducted by the academicians from other Universities, e.g. CSKHPKV Palampur, Dr Y S Parmar, University of Horticulture and Forestry, Solan, to acquaint the students with the recent developments in Agricultural research. During the year two such lectures were organized

## **VISITS TO THE CAMPUS BY THE LOCAL SCHOOLS**

Students from local schools (which teach agriculture as one of the vocational courses) often visit our school and farms to familiarize themselves with the agricultural education and research activities at SOAS. Two such visits were made by the students from local school Nalagarh, to our farms and laboratories. The faculty including Dean, SOAS interacted with the students.

## **SHORT TERM COURSES ATTENDED**

Teachers are motivated to attend training/research courses outside the University. Dr Aradhana Dohroo attended one month's course on advancements in Microbiology at Tamil Nadu Agricultural University, Coimbatore, to hone her analytical skills. Ms Sapna Bhagat, took her viva voce examination for fulfilment of requirements for her Ph.D degree.

## **PRIZES AND AWARDS**

Dr. J K Sharma, Dean SOAS headed the team of scientists who were instrumental in conferring "Plant Genome Saviour Community Award" worth Rs. 10 lakh on the farmers of a Bhandal Panchayat in Chamba district, by the Ministry of Agriculture, Government of India. Dr. Sharma was honoured along with the farmers.

The students of SOAS won 1<sup>st</sup> prize for their projects, "Solar Insect Trap" and "Multiple Farming" in the Geek Expo of Science & Technology in the EMANATION 2019 organized by BUEST.



## FACULTY

Sr. No.	Faculty Appointed	Designation	Specialization
1.	Dr. JK Sharma	Dean	Plant Breeding & Genetics
2.	Dr. Nitish Kumar	Asst. Professor	Horticulture
3.	Dr Munish Sharma	Asst. Professor	Soil Sciences
4.	Dr (Mrs) Ankita Sood	Asst. Professor	Plant Breeding
5.	Dr (Mrs) Manpreet Kaur	Asst. Professor	Agril. Economics
6.	Dr. Ravinesh Mishra	Asst. Professor- SPES	Biochem & Biotech
7.	Dr (Ms) Aradhana	Asst. Professor	Microbiology
8.	Dr.(Mrs) Sapna Bhagat	Asst. Professor	Agronomy
9.	Dr. Navjot Singh Dhillon	Asst. Professor	Vegetable Science
10.	Ms. Akanksha	Asst. Professor - SoS	Communication Skill
11.	Ms. Shaina Sharma	Asst. Professor	Horticulture
12.	Er. Munish Singh	Asst. Professor- SEET	Agril. Engineering
13.	Dr. Nitin Verma	Professor- SPES	Elementary Biology
14.	Dr. Gourav Gupta	Asst. Professor - SoS	Mathematics
15.	Mr. Parulpreet Singh	Asst. Professor- SEET	Computer Science
16.	Dr. Pallavi Bhardwaj	Asso. Professor - SoS	English
17.	Mr. Jagmohan Singh	Dy. Librarian	Library Science

## EXTRA-CURRICULAR ACTIVITIES

Many students of SOAS are active sportsmen and have won prizes in various competitions during the year. Pradeep Kumar, a student participated in the national level football championship held at IIT Mandi.

Mr. Astitva, a student of SOAS, was assigned an active role in hospitality, during the National Boxing Championship held in the University. Devashish, another student took up anchoring during the event and received wide appreciation for his skills.

## ACTIVITIES ORGANIZED BY THE DEPARTMENT

### Vanmahotsava

The students of SOAS celebrated Vanmahotsava by planting tree saplings in the University campus to create awareness about the climate change and its consequences for our environment. The students of SOAS actively participated in the Parthenium Eradication Week. Besides the students participated in field layout and planting of crops along with experimental raising of different crop varieties.

The School of Agricultural Sciences was inaugurated on 16.03.2019 by Dr T R Sharma, Executive Director, National Agri. Food Biotechnology Institute, Mohali in the presence of Shri

Pradeep Srivastava, Hon'ble Chancellor, BUEST; Dr.T R Bhardwaj, Vice Chancellor; Shri Gaurrav Ram Jhunjhunwala, Secretary, CASE, other staff of the University and students.

### **FARM ACTIVITIES/PLANTING OF GENETIC MATERIAL**

Different varieties of wheat, oilseeds, cabbage, etc were planted by the students. All the field activities, viz. bed preparation, sowing and other cultural practices were performed by the students.

The students were exposed to various farm operations like weeding hoeing, spraying of herbicides/pesticides, irrigation practices, etc. Other farm activities included sowing of breeder' seed, organically growing vegetables, etc.

### **MISC. ACTIVITIES**

The IQAC Meetings in participation with students were regularly convened to improve quality of education. External examiners were identified from other Universities like CSKHPKV Palampur, Dr. YSP University of Horticulture and Forestry Solan, SKUAS Jammu, and PAU Ludhiana, as per recommendations of the 5<sup>th</sup> Deans Committee.

A few new instruments like Incubators and Electron Microscopes were acquired for the School Labs during the year. The SOAS is constantly endeavoring to improve the library facilities. One hundred forty two new text books were added to the departmental library during the year.

To groom overall personality of the students PDP has been added as a regular course.

# BUEST NURSING COLLEGE

## PROFILE

BUEST Nursing College, established in October 2018. 1<sup>st</sup> batch of B.Sc. Nursing 4 years degree programme started on 28 Oct. 2018. Total numbers of sanction seats are 40. Total students were 15 only. 2<sup>nd</sup> batch started with 37 students. At present total students in both classes are 52. (6 boys and 46 girls).

## COURSES OFFERED

- B. Sc nursing 4 years Prog.

## LAB FACILITIES

- Nursing foundation lab
- Anatomy and Physiology lab
- Nutrition lab
- Obstetrics And Gynaecological Lab
- Community health nursing
- A.V Aid labs

## GUEST LECTURE

Dr. Monika Dutta, associate Prof. from NINE (P.G.I.M.E.R) Chandigarh took lecture on “challenges in patient safety”.

## CLINICAL TRAINING PROGRAMME

Sr.No.	Year 2018	Place	Date of Visit
1	1 <sup>ST</sup> Year	CHC Nalagarh, Solan	15/1/2018 to 15/4/2018

## NATIONAL PROGRAMME ATTENDED

- All students of B.sc. nursing 1<sup>st</sup> year participated in National immunization programme on pulse polio from 10<sup>th</sup> march to 13<sup>th</sup> march 2019.
- Participated in really organized on 05/12/2018 regarding awareness on drug abuse. Nursing students participated in various types of activities in Nimatran Resort, Baddi.  
Honourable Chief Minister of Himachal Pradesh was the Chief Guest on that day.
- Nursing students also participated in “Nukkad Natak” on drug abuse title “Soch Badlo”

## ACTIVITIES ORGANIZED BY THE DEPARTMENT

- **Welcome party for Bsc. Nursing 1<sup>st</sup> year was organized on 4/12/2018**

Vice- chancellor was the Chief Guest of the day. All deans of different schools and HOD were invited. Various types of activities were performed by the students Ms. Shalini declared Miss. Fresher and Ms. Deepika got the honour of Miss Personality. Session ended with vote of thanks and wish for the bright future of students.

- **Awareness programme on AIDS**

On 1<sup>st</sup> Dec. 2018 day was organised by BUEST HPSACS, institute of Global dept. In collaboration with Glenmark foundation. Public was awared regarding prevention, cure and treatment of HIV/ AIDS through Role Play, Charts, lectures etc.

- **World Cancer Day**

Lecture on prevention of cancer among menopausal females in India given by Principal of BUEST Nursing College on 4/2/2018.

- **World Tuberculosis Day**

Students were awared on prevention of T.B. among school children by assist. Prof. BUEST Nursing College through PPT lecture. Question and answer session was very attractive and learning for students.

- **World Health Day**

Theme for world health day was “Universal Health Coverage; everyone, everywhere.” Day was organised by BUEST Nursing College on 7<sup>th</sup> April 2019. Lecture delivered by Ms. Komal Assist. Prof. on the topic through PPT. Session was very interactive and valuable for students to maintain and sustain health.

- **International Nurses day**

On 12<sup>th</sup> May Day celebrated in college of nursing through various types of activities on the theme for year 2019 was “Nurses: A voice to lead-Health for all.” All Nursing students took pledge of Florence nightingale’s the founder of nursing profession to follow the path of Nobility.

## OTHER ACTIVITIES

- Nursing students participated in completion on PowerPoint completion on “Freedom from single use plastic’- a dream or an achievable target.” Ms. Harika Thakur won the 1<sup>st</sup> prize and other two students got certificate of appreciation on dated 19/11/2019.

- A declamation on teaching of “Swami Vivekananda” was organised by Baddi University on dated 11/12/2019. Ms. Nikita Rajput has been selected by panel of judges.
- All nursing faculty and students actively participated in blood donation camp and health camp organised by Baddi University.

#### **ACADEMIC ACHIEVEMENTS**

**B.Sc. Nursing 1<sup>st</sup> year (Batch 2018)** All students cleared the final exam and promoted to next class. Position of three students shown as given below-

<b>S.No</b>	<b>BUPIN</b>	<b>Student's Name</b>	<b>Position</b>	<b>%age</b>
1	18unu008	Harika Thakur	1 <sup>st</sup>	79.6%
2	18unu012	Sony Kumari	2 <sup>nd</sup>	71.6%
3	18unu002	Muskan	3 <sup>rd</sup>	70.7%

## UNIVERSITY ACTIVITIES “2019”

### PLEDGE TAKING CEREMONY

The pledge taking ceremony, organized on Aug 09, 2018, by the Department of Students Welfare, BUEST, was a part of the initiative of the MHRD and UGC. The pledge was taken across the country as per the appeal made by Prime Minister Narendra Modi who has exhorted the compatriots to contribute something for the nation. The Ministry of Human Resource Development (MHRD) and University Grants Commission (UGC) asked all the higher educational institutions to help in making this movement successful.

### SWACHHTA PAKHWADA

A 15-Day SWACHHTA PAKHWADA was Organized at Baddi University under the UGC guidelines from Oct 1-15, 2018. The idea behind this was to protect and clean the environment and surroundings by sustaining the natural resources for current and future generations. Nukad Natak & Flash Mob was also organized as part of Swachhta Abhiyaan by BUEST students in Shimla. Dean Student welfare motivated the students to involve themselves in cleanliness activities.

### BLOOD DONATION CAMP

**Blood Donation Camp** was organized on April 25, 2019 in collaboration with Rotary & Blood Bank Society Resource Centre, at University campus **NSS Unit** of Baddi university of Emerging Sciences and Technology . Students, teaching and non-teaching staff of University participated in this noble cause and donated 110 units of blood.





## INTERNATIONAL WOMEN'S DAY

**International Women's day** was celebrated in the university campus on Mar 8, 2019. Honourable Vice Chancellor Prof. (Dr.) T.R Bhardwaj has graced the occasion as Chief Guest. The theme for International Women's Day, this year was "Think Equal, Build Smart, Innovate for Change". In this occasion small gifts were distributed to all the ladies of housekeeping and maintenance department to make them feel special and essential part of university.



## INTERNATIONAL YOGA DAY

Yoga is a physical, mental, and spiritual practice attributed mostly to India. Baddi University of Emerging Sciences and Technology (BUEST) has celebrated the 5<sup>th</sup> **International Yoga Day** at BUEST campus on 21 June, 2019. Patanjali Yoga Centre, Chandigarh team had visited the BUEST campus for Yoga.



## WORLD AIDS DAY

**NSS Unit** of Baddi university organised a "NUKKAD NATAK" on General awareness on AIDS consequences at Truck Union Baddi by students of Baddi University on 1<sup>st</sup> December, 2018(World AIDS Day).



## INITIATIVES TAKEN BY UNIVERSITY

### Betiyan Ki Baari

‘BETIYON KI BARI’ (BKB) is BUEST’s own unique initiative to promote professional education among girl students of Himachal Pradesh, to enable them to carve out a distinct niche for themselves and savour the fruits of growths and industrialization. BKB is an exclusive scholarship scheme for girl students.

### IDEA Factory

IDEA FACTORY which was inaugurated by Prof. (Dr.) Kalam, offers a combination of labs and workshops and is amply equipped to cater each stage of product development cycle- brainstorming, designing, prototyping & testing. It is an all-encompassing incubation center to convert original thoughts into products.

Patent	Application No.	Docket No.	Date of Submission
Helmet Wear Warden (HWW)	3901	13170	18.12.2012
Pneumatic Crown Safety Redefined	3902	13171	18.12.2012

### ONGOING PROJECTS

- Wheel chair that can climb up the stairs (customized for BUEST)
- Mosquito repellent working on Inverter technology (A handy device)
- A noise filtering device enabling a group of person to talk while sitting around a table in noisy environment
- Anti-forget key device
- Knee cap that can charge a personal mobile while on work

### ACADEMIC ADOPTION

This venture is partnership with local corporate which enables the industry to identify budding talent at a nascent stage. The students in turn, on the basis of their performance in the selection process, have the opportunity to be adopted by the corporate world on the first day of first, second or third year of their study on the campus.

### IBM-ICE Program

IBM-ICE is the Innovation Centre of Excellence (ICE) at BUEST powered by the industrialized expertise of the IBMers of ICE team. The aim of this program is to develop a customized industry oriented curriculum that skillfully nurtures and moulds the students into industry-ready professionals by focusing.



## PUBLICATIONS OF THE UNIVERSITY

### BOOKS/Journals

#### Journals

School of Management Studies launched 2nd Issue of Management Journal The Catalyst- Journal of Management Vol. 1 Issue 1 in March 2016.

In March 2016 SPES has published first volume of Biannual Journal “Emerging Trends in Pharmaceutical Sciences” having ISSN: 2455-7919.

#### Books/ Conference Proceedings

- A National conference entitled “Innovations in Civil & Mechanical Engineering” (EZUCURSION 2016) was held on 12th May 2016
- National Conference on “Recent innovations in Electronics, Electrical and Computer Engineering-RIEECE2015” was held on on 9th May, 2016

## CULTURAL ACTIVITIES

### SANGAM 2018

"SANGAM 2018" the memento was presented by Honorable Secretary Governing Body, Mr.GauravJhunhunwala, Vice Chancellor, Prof.(Dr.) T.R Bhardwaj, Registrar Prof.(Dr.) T.R Nandal, Dean SEET & Student Welfare, Prof(Dr.)Vinay Bhatia, Prof. (Dr.) NitinVerma, Dean R& D,& Director Finance Mr. R. Chopra to the Honorable Chief Guest Mr. Dinesh Saxena, General Manager of Punjab National Bank, Guest OF Honour Mr. Deepak Kakkar Deputy General Manager & Mr. Kashmir Singh, Chief Manager of Punjab national Bank as a token of love and gratitude.



## CII YI YUVA CHAUPAL

### Activity 1

**CII -YI Yuva Chaupal** organized a guest lecture on **13th November,2019** from 11.00 to 01.30 pm in the college premises for BBA/Bcom and MBA students.

The Speakers for the lecture were Mr Rajat Dogra ,Manager HR and Mr Anil Sharma,Manager Engineering,from Johnson and johnson Ltd.

Mr Rajeev Kumar, faculty coordinator, CII-YI SMS felicitated Mr.Arsh Dogra and Mr Anil Sharma for the Guest Lecture.

Mr Rajat Dogra started his speech by saying about the important gametes of HR like Recruitment, Compensation management, Performance appraisal, Learning and development, and Industrial relation. It was very informative and interactive that the students were able to know about the company actual expectation from students and also about various trends in HRM. It was wonderful Knowledge sharing and gaining lecture regarding the HRM.

Program ended with Vote of Thanks by Ms. Kritima Jabbaik, Student coordinator of CII – YI Yuva Chaupal SMS Club.



### Activity 2

To accustom students with some of the current trends in the field of Human Resource Management, **CII -YI Yuva Chaupal** organized a guest lecture on **4<sup>th</sup> November,2019** from 12.00 to 01.30 pm in the college premises for BBA/Bcom and MBA Ist year students. The session was being organized to facilitate students understanding of HRM subject through industry insights from the Industry person.

The Club invited Mr Sunil Singhal,HR Head, Alkem laboratories Ltd. to address the students on how the field of Human Resource Management has evolved over the years.





Mr Rajeev Kumar, Faculty coordinator, CII-YI SMS felicitated Mr. Sunil Singhal for the Guest Lecture.

In his lecture **Mr Sunil Singhal** spoke about the new functions which HR has to perform in the modern times and also emphasized on career avenues available in this field. He led them through how they can develop a career in companies. He also did detailed outlining of activities of HR Department and listed out attributes prerequisite for HR person. Program was a very interactive one wherein the Faculty shared his industry experience of years with them.

It was indeed a power packed program followed by an intensive Question Answer session, wherein students willingly got all their doubts and concerns clarified from the Resource Person. Program was an enlightening and enriching experience for students and all enjoyed it to the core. Program ended with Vote of Thanks by Ms. Kritima Jabbaik, Student coordinator of CII – YI Yuva Chaupal SMS Club.



### *Activity in Past*

#### Swachhta Abhiyan

On 23-01-2018 CII YUVA Chaupal ,School of Management Studies of Baddi University organised swachhta abhiyan in association with Municipal Corporation Panchkula, Specky on screen, Hind Radio and Aashman foundation. Mr Rajeev Kumar, Asstt prof from management department was faculty coordinator for organizing this swachhta abhiyan. Aprox. 50 students from SMS participated in Swachhta abhiyan. A garden named as Nirjhara Garden, in sec 5 Panchkula was chosen by the students and all the students were divided in small groups so that they can cover more ground. In the morning, students started the cleaning of the garden and for continuing working for 3 hours they cleaned the garden. The students of SMS department took a pledge to support swachhta mission. VJ Amanpreet Kaur from Specky on Screen videoshoot the whole event. The video of students participating in swachhta abhiyan is



available on You tube channel Specky on screen.

Swachh Bharat Abhiyan- Baddi University|| Aashman...: [https://youtu.be/4s6sk\\_IQUJQ](https://youtu.be/4s6sk_IQUJQ)

## BOOK Train Event

CII YI Yuva Chaupal School of Management Studies Baddi University of Emerging Sciences and Technology Solan Chapter organized Book Train Event on 27<sup>th</sup> October 2017. The objective of the event was to collect notebooks and text books and donate it to poor children through Aashman foundation. CII YI Yuva Chapul Baddi University donated 1500 text books and notebooks to Aashman foundation to help poor children. Mr. Rajeev Kumar Asstt prof SMS was the faculty convener of Book train event. Mrs. Neetu Prabhakar Mrs. India international 2017, Mr. Jasbir Singh and Mrs. Manju

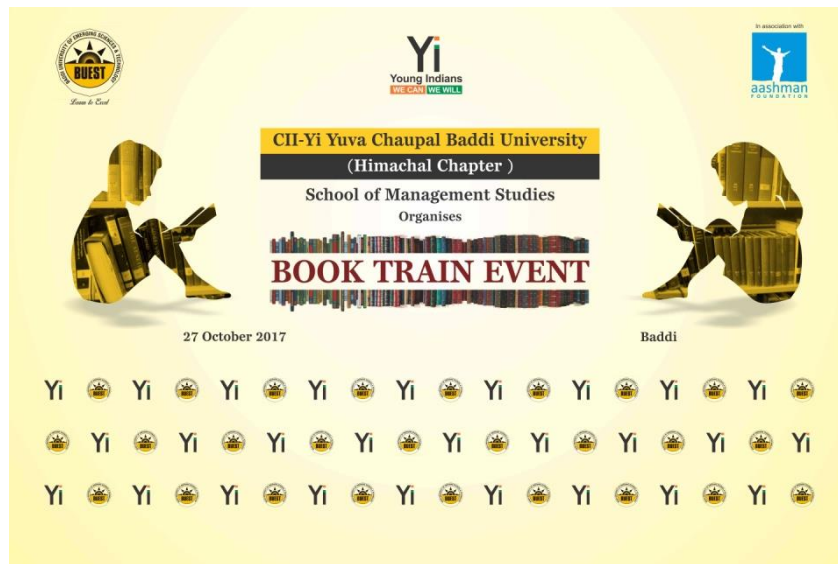


Passi fashion designer were the chief guests for the event. Programme was started with the lamp lighting. During the programme Mr. Munish Pundir founder of Ashman foundation, Mr. Hridesh Co-chairman of Cii yi, Mr. Saransh Sharma executive of CII YI, Mr. Joginder Kainthla from Sentis Pharma, Mr. Gaurav Ram Jhunjhunwala Secretary CASE, Prof. Dr. T.R. Bhardwaj Vice Chancellor Baddi university Prof. T.N. Nandal Registrar Baddi University, Prof. Dr. Prashant Mehta Dean SMS Baddi University, Mr. Rajender Guleria were present in the occasion.

Mr. Rajender Guleria Dean IIPP welcomed all the eminent guests present there and explained the objective of the event. Prof. Dr. T.R. Bhardwaj Vice Chancellor Baddi university appreciated the event and congratulated Prof. Dr. Prashant Mehta for giving contribution for the welfare of society.

Mrs. Neetu Prabhakar, chief guest of the event asked the students that learning is a never ending process, so they should always believe in continuous learning. Mr. Hridesh Co-chairman of Cii yi said that the main objective of Cii-yi is to develop the young people of country. Mr. Munish

Pundir founder of Ashman foundation said that these kinds of events are for the benefit of society. Mr. Saransh Sharma executive of cii yi introduced their new project named MASOOM for underprivileged children. At the end of the programme Dean SMS Prof. Dr. Prashant Mehta gave a hearty thanks to all the guests and dignitaries.





## ALUMNI MEET 2019



The most prestigious institution in the city, **Baddi University** of Emerging Sciences and Technology organised its Alumni Meet on 16th March, 2019 at a very grand level. The reverend Chief guests guest Mr Baldev Thakur (HR Head Macleods) grace the ceremony. The Guests of Honour at the occasion were Major Vipul Kathuria (Indian Army), Mr Rajesh Kumar Chopra (Plant Head, Panacea Biotech), Mr Sunny Grack (Project Manager Industry Dept. Shimla), Mr Shaurya (Cluster Head, Yes Bank), Gagandeep Bhandari (HR Head, Theon Pharma), Mr Lalit Rana (HR Head, Walmart India), Mr Anurag Sharma (HR landmark Group), Mr Anurag Sharma (HR Landmark group), Mr Ashish Sharma (HDFC Bank) Mr Robin Bansal (SDO Barotiwala), Mr Moninder Kaur and Mr Harsh Mashta (Entrepreneur).



More than 300 alumni from various frontiers made their way back to their college to enjoy a glimpse of their youth. Lamp lighting was done by the dignitaries present on this occasion. A welcome note was delivered by Dr J.D. Sharma, Dean-School of Agricultural Sciences. The ceremony was followed by a special interactive session of Alumni which was followed by cultural programmes. The major attraction of the event was the Star Night performance by the Famous Natti King- Mr Kuldeep Sharma. The audience was spellbound by his captivated musical notes. The event ended with the release of the

Souvenir 2019. As an alumnus Mr. Gulshan Sandhu (Senior Manager T&P, BUEST) invited Alumni working as HR in different MNCs. The main objective behind this meet was to strengthen our academic-industrial relationships and to enhance training and placements activities.



Every alumni present acknowledged the fact that BUEST is continuing and carrying forward the old mission of imparting true education and serving the nation in true sense and producing skilful citizens.







Morning session chief guest Lt. Col. Shailesh Pathak (Army Veteran)  
Evening session chief guest was Mr Arun Jindal, Director Chandigarh City Centre, Maya Gardengroups, Chandigarh. Guest of Honour Mr Dinesh Mongia Renowned cricketer.



## ANNUAL CONVOCATION REPORT,2019

**Baddi University** of Emerging Sciences and Technology, Baddi hosted its 2nd Annual Convocation Ceremony on Saturday, 16th March, 2019 at Baddi University, Baddi. Honourable Dr.T.R Sharma, Executive Director National Agri-Food Biotechnology Institute, SAS Nagar, Punjab, was the Chief Guest for the event. Padma Shri awardee Prof. Harikishan Singh, Professor Emeritus at Panjab University, Chandigarh the guest of honour, in absentia.



To mark the beginning of the event, an Academic Procession was led forward by Registrar Dr. T.R Nandal, Chancellor Mr. Pardeep Srivastava, Member Secretary and Governing Body Mr. Gaurav Ram Jhunjhunwala, Vice-Chancellor Prof. T.R Bhardwaj, Director Finance Mr. Ratinder Kumar Chopra, Dean R & D Prof. Nitin Verma, Dean Academics Brig. Subhash Katoch, Dean SEET Dr. Khushmeet Kumar, Dean SW Dr. Ravnish Mishra, Dean SMS Dr. Abhishek Raizada, Dean Agriculture Dr. J.K Sharma, Dean SOS Ms. Nidhi Gupta, Principal of Nursing Prof. Amarjit Kaur, Controller of Examination Mr. Vivek Choudhary, faculty and other dignitaries. This was followed by National Anthem after which the Convocation was declared 'Open' by Honorable Chancellor Mr. Pardeep Srivastava. Esteemed members of Baddi University including Director, Deans, HoDs and faculty graced the occasion to celebrate the ceremony.



Dr.T.R.Bhardwaj, Vice-Chancellor, welcomed the congregation with immense pride and unveiled the Annual Report & gave a brief overview of the activities and achievements of Baddi University. Shifting the focus to the technical and cultural societies, he discussed the growth of cultural clubs and technical societies through the active involvement of students and their achievements in various competitions held across the country.

Degrees, gold medals and awards were presented to whopping proud graduates. Total 2101 students accepted degrees across UG courses and 468 students accepted degrees across PG courses.



A number of meritorious students, including 63 gold, 62 silver and 51 bronze medalists were also honoured during the ceremony.



To mark an end to the auspicious ceremony, a vote of thanks was proposed by Registrar Dr. T.R Nandal and then National Anthem was played. Thereafter, the Convocation was declared 'Closed' with the hope that the graduating batch will colour the skies with their worthy innovations and achievements and carry on the legacy of this glorious institution.





## SPORTS

### LAKSHAY 2018

This year BUEST hosted Lakshay 2018- A Two Day Inter University Sports meet. Students of various institutes participated in the meet and made Lakshay a thriving event. Mrs Suman Rawat, Arjun Awarde, accepted to be the Chief Guest for the event and she promoted sports as an essence of a healthy life.

## PLACEMENT HIGHLIGHTS

### Campus Recruitment

Corporate being the ultimate destination of the young professionals of BUEST, intensive facilitation is provided to the students for starting their career with the top notch Corporate Houses. Each year, the number of companies visiting BUEST for the Campus Recruitment is increasing tremendously.

- Successful placement of 100% eligible students of 2018 batch.
- Nodal Canter for the recruitment for Indian Navy and Indian Army from the past many years.
- Dedicated support to the students for the Summer Placements.
- Goal of achieving 100% placement for 2019 batch round the corner.

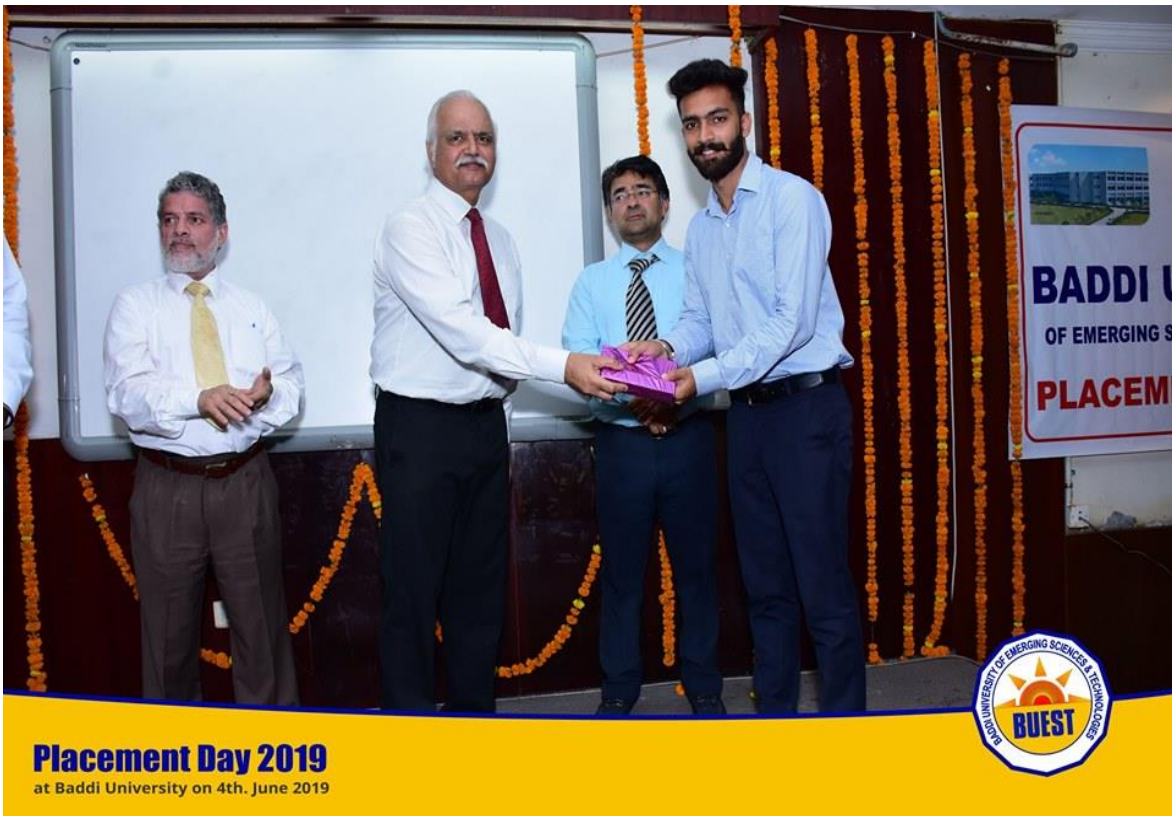




## PLACEMENT DAY 2019



















**Baddi University**  
Of Emerging Sci. & Technologies

Proud Moment For **Baddi University**



**RITU TIWARI**

Computer Science Engineering

*Congratulations!*

For getting placed in



With a Package of **3.9 Lakhs**



**Baddi University**  
Of Emerging Sci. & Technologies

Proud Moment For **Baddi University**



**PRIYA MANHAS**

Bachelor of Pharmacy

*Congratulations!*

For getting placed in



**CADILA**  
PHARMACEUTICALS  
LIMITED

*The Care Continues...*





**Baddi University**  
Of Emerging Sci. & Technologies

Proud Moment For **Baddi University**



**SONIKA PARASHAR**

Master of Business Administration

*Congratulations!*

For getting placed in



**Baddi University**  
Of Emerging Sci. & Technologies

Proud Moment For **Baddi University**



**VIVEK RANA**

Master of Business Administration

*Congratulations!*

For getting placed in





Proud Moment For **Baddi University**



**ASHISH DHIMAN**

Bachelor of Pharmacy

*Congratulations!*

For getting placed in



With a Package of **3.5 Lakhs**



Proud Moment For **Baddi University**



**SHUBHAM**

Bachelor of Pharmacy

*Congratulations!*

For getting placed in



With a Package of **3.5 Lakhs**





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**ANISHA SINGH**

Master of Sciences of Pharmacy

*Congratulations!*

For getting placed in



With a Package of **3 Lakhs**



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**SARIKA**

Master of Pharmacy

*Congratulations!*

For getting placed in



With a Package of **3 Lakhs**




**Proud Moment  
For Buest**

OUR PHARMACY  
STUDENT PLACED IN

**Cipla**  
*Caring for life*

**AMAN SETHI**  
B. PHARMACY

*Congratulation!*




**Baddi University**  
Of Emerging Sci. & Technologies

**Proud Moment For Baddi University**

**SUSHMITA THAKUR**  
Electronics and Communication Engineering

*Congratulations!*

For getting placed in  With a Package of **3.9 Lakhs**

## Placement Details of All Above Departments

Department	Total Eligible & Non-Eligible Students	Placement Not Required	Not Placed	Placed
CSE-Non-IBM	21	0	0	21
CSE IBM	24	11	1	13
ECE	13	0	4	9
EE	7	12	2	5
ME	35	0	0	35
Pharmacy	27	0	1	26
MBA	37	0	0	37
CE	57	0	55	2
B.Sc	7	7	0	0
M.Sc	22	13	1	8
<b>Total</b>	<b>250</b>	<b>43</b>	<b>69</b>	<b>156</b>

# **Baddi University**

**of Emerging Sciences & Technologies**

Makhnumajra, Baddi  
District Solan, Himachal Pradesh  
PIN - 173205  
[www.baddiuniv.ac.in](http://www.baddiuniv.ac.in)