



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, UNA [HP]

An Institute of National Importance under MHRD
NIT Campus, Hamirpur [HP]-177005

Contact No.: 01972-224378

Website: www.iiitu.ac.in



29, Mar.'19

INSTITUTE REPORT

A. Establishment of Institute

IIIT Una (Saloh) is one of the 20 IIITs being setup, funded, and managed by the Ministry of Human Resource Development (MHRD), Govt. of India under the Public Private Partnership (PPP) model and was established through an act of Parliament No. 23 of 2017. The partners of our Institute are the Ministry of Human Resource Development, Govt. of India, the Govt. of Himachal Pradesh, HP Power Corporation Limited (HPPCL), and HP Power Transmission Corporation Limited (HPPTCL).

B. Stakeholders of Institute

The total project cost is Rs.128/- Cr., which is shared by the MHRD, GoHP, HPPCL, and HPPTCL in the ratio of Rs.64/-, Rs.44.80/-, Rs.9.60/-, and 9.60/- Cr., respectively. Further, MHRD will grant Rs.10/- Cr., for recurring expenses. So far a sum of Rs.24.10/- Cr., has been received from our stakeholders.

C. Governing Body

The members of the GB are as follows:

1. Secretary	: MHRD, GoI	: Chairperson
2. Director of IIITs	: MHRD, GoI	: Member
3. Director (Finance)	: MHRD, GoI	: Member
4. Chief Secretary	: GoHP	: Member
5. Principal Secretary	: Dept. of TE, GoHP	: Member
6. Principal Secretary	: IT, GoHP	: Member
7. Vice Chancellor	: HPU	: Member
8. Vice Chancellor	: HPTU	: Member
9. Managing Director	: HPPCL	: Member
10. Managing Director	: HPPTCL	: Member
11. Director	: IIIT, Una	: Member Secretary

Contd. ... (2)

D. Senate

The members of the Senate are as follows:

S. No.	Name	Designation	Institute/University
1.	Prof. S. Selvakumar	Director	IIIT, Una and Chairperson of Senate
2.	Prof. P. K. Raina	Professor	Dean (Acad), Dept. of Physics, IIT, Ropar
3.	Prof. B. S. Saini	Professor	ECE, NIT, Jalandhar
4.	Prof. A. N. Gill	Professor	Dept. of Statistics, PU, Chandigarh
5.	Dr. Vrijendra Singh	Head	IT, IIIT, Allahabad
6.	Dr. A. K. Sao	Associate Professor	SCEE, IIT, Mandi
7.	Dr. Padmanabhan Rajan	Assistant Professor	SCEE, IIT Mandi
8.	Dr. (Mrs.) Kamlesh Dutta	Head	CSE, NIT, Hamirpur
9.	Dr. Surender Soni	Head	ECE, NIT, Hamirpur
10.	Prof. (Mrs.) Rekha Sharma	Professor	Dept. of English, HPU, Shimla
11.	Shri S. Sridhar	Program Director	SAMEER-CEM Chennai
12.	-	Registrar	IIIT, Una (Member Secretary)
13.	Representatives from IT industries		

Communications have been sent to IT industries for their participation in the Senate. Their nominations are awaited.

E. Transit Campus-I

Currently, the Institute is being run in its Transit Campus-I at National Institute of Technology, Hamirpur. The Institute was established in the Academic Year 2014-15 with a strength of 30 each in B.Tech. CSE and ECE branches. Admissions to the undergraduate programs in the Institute are made through Central Seat Allocation Bard (CSAB) and Joint Seat Allocation Authority (JoSAA) from the qualified candidates of Joint Entrance Examination (JEE) Main.

One batch of B.Tech. CSE and ECE students have graduated out from this campus in the year 2018-19 and are conferred their degrees today (29, Mar.'19). Currently 359 students are studying in Transit Campus-I in B.Tech. CSE, ECE, and IT branches.

F. Transit Campus-II

The Institute will be setting up its second Transit Campus-II (TC-II) in Chandpur, Haroli, Una, and the classes for the Academic Year 2019-20 will commence from its Transit Campus-II. Hostel, mess, lab facilities with the state of the art technologies are being set up.

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G. Permanent Campus

The Institute has been allotted, approximately 635 Kanal 8 Marla of land in Village Saloh, Distt. Una (HP) for the construction of its permanent campus. Boundary wall has been raised along the periphery of the Institute. The architects have designed the Master plan for the campus. The Master Plan and the estimate have been approved by the Governing Body (GB). The CPWD is the construction agency and they are preparing the tender documents.

Three branches of engineering, CSE, ECE, and IT will be accommodated in the permanent campus with a total strength of 810 students. It is expected that the classes may commence in the Academic Year 2022-23 from the Permanent Campus

H. Faculty

Faculty Members are appointed to teach the courses with the Student to Teacher Ratio of 15:1.

Currently 13, 06, and 04, faculty members are working in School of Computing, School of Electronics, and School of Basic Sciences, respectively.

I. Visiting Professor

The Institute has appointed Visiting Professor in the field of Mathematics, Engineering Economics and Management, and Basic Environmental Science and Engineering.

J. Administrative Staff

The Institute avails administrative staff support from outsourced agencies for its Office Management, Mess, Security, Cleaning, Transport, etc. Currently 18 office staff including one Consultant, one Assistant Registrar, and two Superintendents are serving the Institute.

K. New Curriculum Design

Currently the B. Tech. curriculum and syllabus for CSE, IT, and ECE branches have been adopted from the erstwhile mentor institute.

Absolute grading is in vogue. But as most of the higher education technical institutes have moved to Relative Grading, it has been proposed to formulate a new curriculum for all the branches for adoption from the AY 2019-20 onwards.

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Accordingly, the faculty members designed a new curriculum and syllabus which was scrutinized by the following high level committee on 04, Mar.'19:

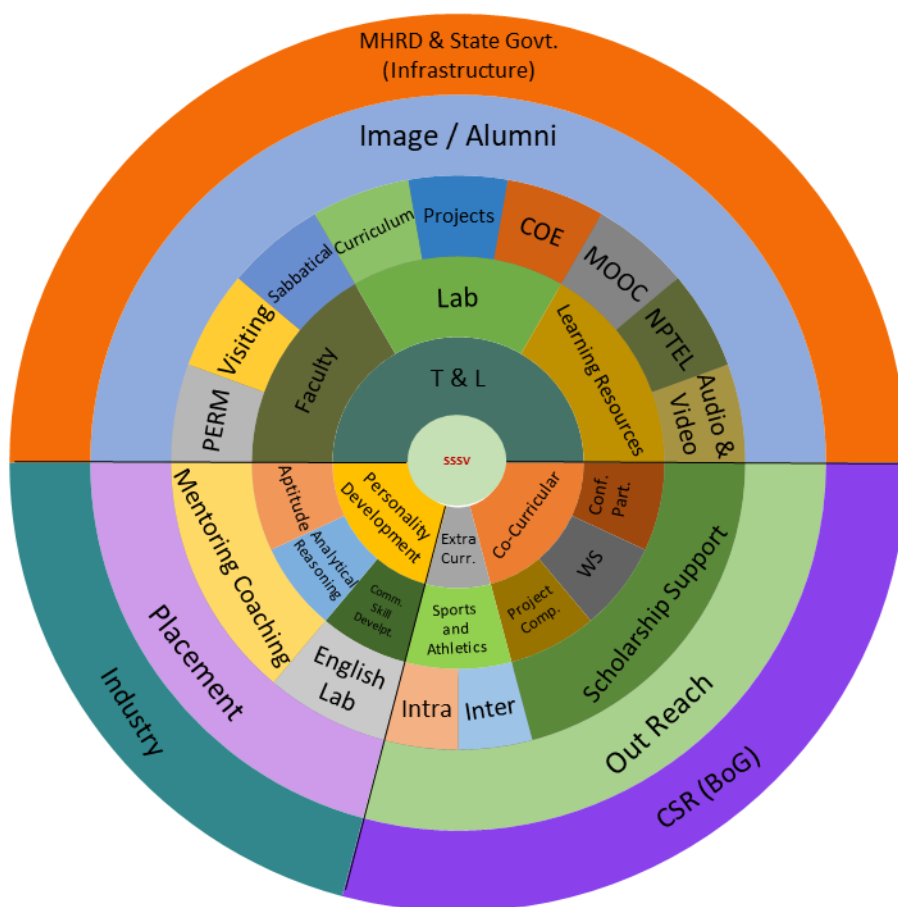
Sl. No.	Name	Designation	Institute
1.	Prof. T. A. Gonsalves	Director	IIT, Mandi
2.	Dr. S. Sundarrajan	Former Director	NIT, Tiruchirappalli
3.	Prof. V. Jagadeesh Kumar	Dean (Acad)	IITM, Chennai
4.	Prof. N. C. Shivaprakash	ISU	IISc, Bangalore
5.	Prof. S. R. Mahadeva Prasanna	Dean (R&C)	IIT, Dharwad
6.	Prof. Hema A. Murthy	Professor	IIT, Madras
7.	Prof. S. Dharmaraja	Prof. & Head, TPO	IIT, Delhi
8.	Prof. K. Chandrasekaran	CSE	NITK, Surathkal
9.	Dr. P. H. Rao	Head, Microwave Division	SAMEER, Chennai
10.	Cdr. Manash Paul	Security Division	TCS, Delhi

Their suggestions were incorporated in the curriculum and syllabus and the same was approved in the Second Meeting of the Senate on 20, Mar.'19.

Highlights of the New Curriculum with Innovative Teaching Learning Process:

Shiishyakula Shiishya Pasant Shiksha Viyavasta (SSSV) (Student Centric Student Selective Education System)

- Product oriented, Practical, Project (PPP) based Technical Education.
- Enhancement of skill set for better employability.
- Stream Oriented Specialization.
- Less Core subjects and more Electives.
- One full semester Internship.
- Self Development.
- Credit transfer from Online Courses
- Relative Grading



L. Participation in Sports Meet

- a. One student represented our institute in All inter University Tournament organized by KIIT, Bhubaneswar, Odisha during 26-27, Dec.'19.

S. No.	Students Name	Year/Branch	Event Name	Medals/Prize
1.	Mr. Vinayak Mishra	2 nd Year/ ECE	Rope Skipping	Bronze

b. Inter IIIT Sports Meet

Seventy eight students represented our Institute in various sports events of Inter IIIT Sports Meet ASMITA'19 organized by IIIT, Allahabad, during 14-17, Feb.'19.

The following are the prizes/ medals won by them:

INDIVIDUAL EVENTS

S.No.	Students Name	Year/Branch	Event Name	Medals/Prize
1	Kunal Sethi	4 th Year/CSE	Triple Jump	Gold
2	Garvita Rana	2 nd Year/CSE	Snooker	Gold
3	Anand Kr. Pandey	2 nd Year/IT	PubG	Gold
4	Ankur Munjal	2 nd Year/CSE	PubG	Gold
5	Deepanshu Yadav	4 th Year/ECE	Weight Lifting	Silver
6	Ankita	1 st Year/ECE	Athletics/(100*4)m	Bronze
7	Mokshika	1 st Year/ECE		Bronze
8	Prashant Soni	1 st Year/IT		Bronze
9	Kunal Sethi	4 th Year/CSE		Bronze

TEAM EVENTS

S.No.	Team	S.No.	Students Name	Medals/Prize
1	Football	1	ShyamSundar	Third (Led By Shiv Prakash Jetwal)
		2	Sujeet Kr.Singh,	
		3	Ratik Jindal	
		4	Shiv Prakash Jetwal,	
		5	Anant Kumar	
		6	Kusagra Pal	
		7	Piyush Yadav	
		8	Sarvesh Lal	
		9	Deepanshu Dahiya	
		10	Anuvrat Karanwal	
		11	Pranjal Joshi	
		12	Kartikey Dikshit	
		13	Rajat Dwivedi	
		14	Devesh Singh	
		15	Priyank Kumar	
		16	Anurag Bansal,	

Contd. ... (7)

2	Basketball	1	Yogesh Sharma	Third (Led By Dev Tyagi)
		2	Harsh Chaudhary	
		3	Nitin Bugalia	
		4	Rajat Panwar	
		5	Prashant Verma	
		6	Ankit Chaudhary	
		7	Dev Tyagi	
		8	Sourabh Choudhary	
		9	Prabal Gupta	
3	Badminton	1	Vivek Kumar Lakhera	Third (Led By Dhruv Kumar)
		2	Dhruv Kumar	

M. Participation in Technical events

- The following teams represented our institute in the Smart India Hackathon competition held during 28, Feb.' 19 – 09, Mar.'19:

Sl. No.	Name of Students	Institute
1.	Mratyunjay Soni Shubham Kamboj Arpana Mehta Anurag Chandel Abhijeet Rai Devesh Singh Chauhan	Manipal University, Manipal
2.	Pradeep Kumar Md. Kaish Ansari Kritagya Khandelwal Priyank Kumar Gupta Anshu Akansha Ayushi Agrawal	Satyabhama Institute of Science and Technology, Chennai

- The following teams represented our institute in the Techkriti-2019 conducted during 7-10, Mar.'19 in IIT, Kanpur:

a) CONQUERORS:

- Shreya Agrwal : IIITU18120
- Chandan Sitlani : IIITU18140
- Niti Kaur : IIITU18117
- Yash Raj : IIITU18141

Contd. ... (8)

b) FLASHRACER:

- Piyush Bhatia : IIITU18220
- Kashish Aroda : IIITU18223
- Swarnima Tiwari : IIITU18230
- Dhruv Mittal : IIITU18204
- Anjali Srivasthava : IIITU18222

c) VOLLEYBOTS:

- Apurva : IIITU18211
- Aryan Gupta : IIITU18213
- Jitaksh Kapoor : IIITU18325
- Siddhartha Gandhi : IIITU18309
- Dhairya Sharma : IIITU18118

d) HYDRA:

- Roshan Kumar : IIITU17208

e) AVENGERS:

- Roshan Kumar : IIITU17208

f) OTHER:

- Utkarsh Tiwari : IIITU17233
- Rajeev : IIITU17229
- Harsh Sharma : IIITU17322
- Bikki Bhushan : IIITU17138

N. MoU with IIT Ropar

An MoU between IIT Ropar and our institute was signed on 18, Mar.'19 in the presence of the Director of NIT Hamirpur. Prof. Sarit Kumar Das, Director of IIT Ropar expressed that IIT Ropar will be happy to nurture the IIIT, Una by extending their support in the following:

1. IIT, Ropar and IIIT, Una faculties should participate in the joint research collaborative projects.
2. The faculties of IIIT, Una and IIT, Ropar will explore the possibility of jointly seeking funds for conducting collaborative research from Indian and foreign agencies.
3. IIT, Ropar and IIIT, Una will consider favorably and encourage staff of their respective institutions to work in each other's laboratories for short tenure to mutually transfer their expertise.

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4. IIIT, Una and IIT, Ropar will work closely in the areas of cooperation through co-guidance of PhD students, course sharing, wherever possible, organization of lectures, symposia, short-term training courses, etc.
5. Research workers/inventors of IIT, Ropar and IIIT, Una under joint projects shall have share in royalties. In case a commercially exploitable/licensable know-how emerges from this work, the amount to be received from such a sale/license shall be shared by both the teams on the basis of the extent of contribution and in accordance with organizational rules of respective Institutes and their governing bodies.
6. IIT, Ropar and IIIT, Una will have share in all unique research resources emerging out of the project. The priority and share shall be decided on the basis of extent of contribution.
7. The faculty and students of IIIT, Una shall be enrolled as temporary members of the library of the IIT, Ropar. While using IIT, Ropar library facilities, they shall be governed by the rules and regulations in operation at IIT, Ropar. The IIT, Ropar faculty and students shall similarly be allowed temporary membership of the IIIT, Una library.

O. Inauguration of Various Associations

Institute level and Dept. level associations were inaugurated on 18, Mar.'19 by Prof. Vinod Yadava, Director, NIT Hamirpur in the presence of Director IIT Ropar. Some of the associations are as follows:

FORCE	:	CSE and IT Association
AVESH	:	ECE Association
HASH	:	Software project development club
SURGE	:	Hardware project development club
AMOGH	:	Literary club
YALGAAR	:	Sport Association
EvMaC	:	Event Management Club
Data Science	:	Data Science Club
Info Sec	:	Security Club

The Director, NIT Hamirpur released the Websites of these associations.

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P. MoU with IIT Mandi

An MoU with IIT, Mandi will be signed today (29, Mar.'19) for the benefit of students and faculty of IIIT, Una.

The highlights of the MoU are as follows:

1. Both institutions will support each other's endeavours in delivery of academic programmes and research activities through:
 - (i) Exchange visits of faculty and staff for the purposes of research, teaching, and consultation for short durations upto one year
 - (ii) Joint course development and delivery
 - (iii) Exchange of information
 - (iv) Joint supervision of research students
 - (v) Joint research activities through participation in nationally and internationally funded projects to achieve project objectives
 - (vi) Training of students of both institutions on facilities wherever available
 - (vii) Any other objective as agreed upon in writing by both the institutions
 - (viii) Exchange of students for 1 or 2 semester for course-work and projects, with transfer of credits
2. While IIIT Una is in the inception stages of establishment, IIT Mandi shall provide all needed assistance as desired by IIIT Una, including possible use of teaching labs, administrative advice, and assistance, etc.

Q. Sanction of BIRAC Project to the Director, IIIT, Una

The Director is pleased to inform the sanction of project of Rs.106/- Lakhs for the proposal No. BT/IDIA/0158/04/17 on 'Nagarik Rog Pratirakshak: Unified Smart Immunization Coverage Monitoring and Analysis (UniSICMA), a Collaborative Research Project of Prof. S. Selvakumar and Prof. R. Kanchana, Dept. of CSE, SSNCE, Chennai, Tamil Nadu.

The Sponsor of the project is Biotechnology Industry Research Assistance Council (BIRAC), a GoI Enterprise, jointly funded by DBT, DST, and Bill and Melinda Gates Foundation (BMGF) on the Grand Challenges India Funding opportunity for the “Immunization Data: Innovating for Action (IDIA)”.

The Project duration is 18 months.

The project has a scope of appointing 10 Research Fellows, of which 6 (2 SRF and 4 JRF) and 4 (JRF) will be working in IIIT, Una and SSNCE, Chennai, respectively.

The Sub-Grant Agreement (SGA) has been signed on 11, Feb.’19 for the sanction of Rs.106/- lakhs towards the overall cost of the project of which Rs.55.99/- and Rs.50.01/- will be the share of IIIT, Una and SSNCE, Chennai respectively. The first instalment of Rs.37,10,000/- has been released by BIRAC.

UniSICMA aims to achieve the following:

- a) Triangulation or integration of heterogeneous immunization data systems such as HMIS, PICME, MCTS, etc., across the states in India.
- b) Tracking of immunization delivered in private sectors and coverage of migrants
- c) Provides Nation-wide dynamic visualizations and intelligent analytics for data in different granularities

R. Academic Achievements by Faculty

- Number of research publications in Journals : 13
- Number of Conference/ Symposium participation : 05
- Number of Faculty Development Program participation : 02
- Number of Seminar/ Events Organized : 05

S. Industrial Visit

One Industrial Visit was organized for the second year ECE students on 15, Mar.’19 to CDAC Mohali and ISRO Labs in Chandigarh.

T. Membership in Professional Societies

Faculty members update their technical Knowledge by their membership to various Professional Societies such as IEEE, CSI, ISTE, American Chemical Society, Physics Academy, Society for Material Chemistry, Material Research Society, etc.

U. Future Plan

- Introduction of Ph. D. program.
- Establishment of Centre of Excellence (CoE) in Evolving Technologies.
- Identification of socially relevant projects of the people of homeland and execution.
- Setting up of 'Technology Park' within the campus.
- To be Number One among the IIITs by generating Best Technocrat and Social Human being.
- To be much sought after IIITs by the students, parents and recruiters.

APPENDIX-I
List of Graduands
B. Tech. CSE

Sl. No.	Roll No.	Name
1.	IITU14101	Anay Biswas
2.	IITU14102	Shivi Vats
3.	IITU14103	Prateek Gupta
4.	IITU14104	Ankita Mehra
5.	IITU14105	Deepak Kapasia
6.	IITU14106	Ravi Kumar
7.	IITU14107	Gaurav Yadav
8.	IITU14108	Dinesh Kumawat
9.	IITU14109	Arvind
10.	IITU14110	Rishabh Kirodiwal
11.	IITU14111	Shadab Rais
12.	IITU14112	Vijaya Laxmi
13.	IITU14113	Shivam Tripathi
14.	IITU14114	Vivan
15.	IITU14115	Chhavi Garg
16.	IITU14116	Avani Barmecha
17.	IITU14117	Gagan Deep
18.	IITU14118	Aadhar Gupta
19.	IITU14119	Akash Ojha
20.	IITU14120	Nishant Sharma
21.	IITU14121	Mrinal Vatsya
22.	IITU14123	Pranjal Gaur
23.	IITU14124	Amit Kumar Rai

Contd. ... (14)

24.	IITU14125	Ankit Kumar Raj
25.	IITU14126	M.Goutham Reddy
26.	IITU14127	Jayesh Mehra
27.	IITU14128	Shivam Verma

B. Tech. ECE

Sl. No.	Roll No.	Name
1.	IITU14202	Nehal Bhardwaj
2.	IITU14203	Vipin Kumar
3.	IITU14204	Rajat Bansal
4.	IITU14205	Kushagra Doriya
5.	IITU14206	Shubham Goyal
6.	IITU14207	Kartik Pathak
7.	IITU14208	Amanpreet Bamnia
8.	IITU14209	Thotakura Anirudh
9.	IITU14210	Chandramohan Sharma
10.	IITU14211	Shivshankar Siyag
11.	IITU14212	Devi Dan Detha
12.	IITU14213	Akash Kumar
13.	IITU14214	Mohan Sonkar
14.	IITU14215	Anjali Kumari
15.	IITU14216	Avinash Singh
16.	IITU14217	Raushan Kumar
17.	IITU14218	Lata Meena
18.	IITU14219	Rakesh Kumar Saini
19.	IITU14220	Prawan Pandey
20.	IITU14221	Harsh Verma
21.	IITU14222	Vertica Tandon
22.	IITU14223	Kiran Sreekumar

List of Medal Winners

Sr. No.	Program	Name of Students/Roll No	CGPI	Rank	Medal
1.	B. Tech. CSE	Ms. Ankita Mehra	8.83	First	Gold
2.		Ms. Chhavi Garg	8.73	Second	Silver
3.		Ms. Avani Barmecha	8.62	Third	Bronze
4.	B. Tech. ECE	Ms. Vertica Tandon	9.20	First	Gold
5.		Mr. Thotakura Anirudh	8.29	Second	Silver
6.		Mr. Raushan Kumar	7.94	Third	Bronze

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APPENDIX-II

Faculty contribution and achievement for AY 2018-19

I. PAPERS PUBLISHED

Total no. of papers published in AY 2018-19 – Thirteen (13)

Details of Publication

1. Bhuvaneswari Amma N.G. Selvakumar S. “Deep Radial Intelligence with Cumulative Incarnation approach for detecting Denial of Service attacks”, *Neurocomputing*, Vol 340, pp. 294-308, 7 May 2019.
2. Baradhwaj Coleppa, Satendra Kumar and Agnivo Sarkar, "Fermiophobic gauge boson phenomenology in 221 models ", *Physical Review D*, Vol. 98, 095009 (2018), [SCI, Impact Factor: 4.394]
3. Gurpreet Kaur and Gurmeet Kaur “Nonlinearities Compensator based on SORBFNN in Ultra- Long-Haul High Capacity CO-OFDM systems”. *Photonic Network Communications*, 36(3): 316-325 (2018). doi: 10.1007/s11107-018-0782-8. (SCI-Impact Factor: 1.203)
4. Priyabrat Shaw and Priyabrat Garanayak, “Analysis, Design and Implementation of Analog Circuitry Based Maximum Power Point Tracking for Photovoltaic Boost DC/DC Converter”, *Transactions of the Institute of Measurement and Control (SAGE)*, Vol. 41, no. 3, pp. 668–686, Feb. 2019. (SCI Expanded Journal, 2017 Impact Factor 1.579)
5. G.S. Grewal and B.S. Rajpurohit, “Energy management by the role of energy-efficient machines and rescheduling of transformer load in steel rolling mill: A case study”, *Journal of Institution of Engineers: Series-B Springer, Electronic*, January 2019. <https://doi.org/10.1007/s40031-019-00371-6> (SCI)
6. Sumit Kumar, Ayush Kumar, Rajib Kumar Jha, “A Novel Noise Enhanced Back-propagation Technique for Weak Signal Detection in Neyman-Pearson Framework”, *Neural Processing Letters*, Springer, **Impact factor: 1.787**, DOI: 10.1007/s11063-019-10013-z.

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7. Sumit Kumar, Rajib Kumar Jha, “Weak Signal Detection Using Stochastic Resonance with Approximated Fractional Integrator”, *Circuits Systems and Signal Processing*, **Impact factor:1.998**, DOI: 10.1007/s00034-018-0900-y
8. Sushil Kumar Pandey, Stephen A. Campbell et al., “Controlled p-type substitutional doping in large-area monolayer WSe₂ crystals grown by chemical vapor deposition”, *Nanoscale*, 10, 21374-21385 (2018). **Impact factor: 7.23 (SCI)**.
9. Vivek Garg, Brajendra S. Sengar, Sushil Kumar Pandey, et al., “Investigation of valence electron excitation and plasmonic enhancement in sputter grown NMZO thin films: For energy harvesting applications”, *Optical Materials*, 88, 372-377 (2019). **Impact factor: 2.32 (SCI)**
10. Thakur Divyansh and Yugal Kumar. "Real Time Monitoring of Valeriana Jatamansi Plant for Growth Analysis." *Procedia Computer Science*” 132. 507-517 (2018).
11. Thakur et al., "A Survey based on Machine Learning Approaches for Detection of Human Behavioural Lie using physiological sensors and Face Recognition System", *International Journal of Computer Sciences and Engineering*, Vol.6, Issue.11, pp.797-806, 2018.
12. Thakur et al., “Applicability of Wireless Sensor Network for Precision Agriculture: A Mini Review”. (UNDER REVIEW)*Wireless personal Communication*, Springer. (Paper Id: WIRE- D-18-00878) SCI Journal impact factor 1.20)
13. Thakur et al., “A Survey Based on Usage of Machine Learning Algorithm in Big Data, Wireless Sensor Network and Information Security”, communicated IEEE Spin 2019

II. PARTICIPATION IN CONFERENCE/SYMPOSIUM

1. Dr. Gurinderbir Singh Grewal delivered an expert talk on 10th December 2018 on the topic - *Simulink Applications in Electrical Engineering*, in Workshop on *Applications of MATLAB in Engineering & Science (WAMES-2018)*, 6-11 December, 2018 hosted by Deptt. of Mathematics, NIT Hamirpur
2. Dr. Neha Sharma Speaker, Winter School on Cognitive Modelling, WSOCM, 4-10 February 2019 at IIT Mandi. (<http://www.acslab.org/winterschool/home.html>)

3. Dr. Neha Sharma attended the "National Conference on Skilling in Higher Education" at Panjab University, Chandigarh 18 January 2019.
4. Ms. Richa Thakur and Ms. Himani Joshi participated in Deshpande Gopalakrishnan Symposium on Innovation and Entrepreneurship at IIT Bombay, Mumbai. 20-22, January 2019
5. Mr. Divyansh Thakur participated in National Conference on Skilling in Higher Education at Panjab University, Chandigarh
6. *Neha Sharma and Charvi Jain, " Characterization of Facial Expression using Deep Neural Networks," presented at 5th International Conference on Advance Computing and Communication Systems , ICACCS' 2019, Coimbatore, Tamil Nadu, India, March 15-16, 2019,(Proceedings Awaited).*

III. PARTICIPATION IN FACULTY DEVELOPMENT PROGRAMS (FDPS)

1. Six faculty members participated in Faculty Development Program on Universal Human Values (UHV) organized by IIT Mandi during 18-20 January, 2019 at IIT Mandi.
2. Two faculty members, viz., Mr. Sumit Kumar and Mr. Divyansh Thakur visited IIIT Hyderabad for Research & Development Showcase on 23-24 February 2019.

IV. CERTIFICATE AND AWARDS AT NATIONAL/STATE LEVEL

1. Dr. Satendra Kumar was awarded Merit-Certificate (National-PDF) for the best poster by ACS (American Chemical Society) and SERB Govt. of India, 2018.
2. Ms. Richa Thakur qualified National Eligibility Test, Computer Science and Applications in December 2018.A

V. EVENTS ORGANIZED

1. Organized a Seminar on Service Oriented Architecture by Dr. R. Kanchana, Dept. of CSE, SSNCE, Chennai.
2. Spoken Tutorial Software Course Sponsored by IIT Bombay AY 2018-19.
3. MATLAB Hands-on for Computer Vision Applications in IIIT Una during 16-17, March 2019.
4. Ms. Meenakshi and Mr. Keshav represented **IIIT Una** in Inter IIIT Sports Meet Allahabad (UP) as **Sports Co-ordinator** 14-17 February 2019.
5. Workshop on setting up of Virtual Labs (an Initiative of MHRD) in IIIT UNA in collaboration with IIT Delhi.

VI. MEMBERSHIP IN TECHNICAL AND SCIENCE SOCIETIES

1. Dr. S. Selvakumar, Member IEEE, CSI, ISTE.
2. Dr. Satendra Kumar, Member, American Chemical Society.
3. Dr. Satendra Kumar, Life Member, Physics Academy of North East, India.
4. Dr. Rama Gaur, Life member, Society for Materials Chemistry, Bhabha Atomic Research Centre, Anushakti Nagar, Mumbai.
5. Mr. Sumit Kumar, IEEE, Member.
6. Dr. Sushil Kumar Pandey, Member, Material Research Society, USA.
7. Dr. Gurinderbir Singh Grewal, Life Member, *IAENG, Hong Kong*.
8. Dr. Gurinderbir Singh Grewal, *Life Member, ISTE, New Delhi*.
9. Dr. Gurinderbir Singh Grewal, *Member, IEEE, US*.



Celebrating Republic Day with NIT Hamirpur



Giving Award to students for their special achievements



Virtual Labs an initiative of MHRD



Staff Members During Virtual Labs



Memento Presented to Prof. R. Kanchna for SOA Seminar



Faculty and Staff attending SOA Seminar



Chief Guest from State Degree College for Hindi Diwas



Students During Hindi Diwas celebrations



First Senate Meeting



Senate Members



Sports Meet at IIIT Allahabad



Students celebrating Winning Moments

