

DAV Institute of Engineering & Technology, Jalandhar

22nd Punjab Science Congress

February 7-9, 2019

Schedule

Day-1

February 7, 2019

0900 hrs	Registration of Delegates, Distribution of Kits & Welcome Tea
0945 hrs	Assembly in Lala Chanchal Das Auditorium
1000hrs	Arrival of the Chief Guest Prof.(Dr.) Masatoshi Watanabe, Mie University, Japan , Members of Punjab Academy of Sciences, other Dignitaries and Guests.
1005 hrs	Lighting of the Lamp
1010 hrs	Welcome Address by Dr. Manoj Kumar , Principal DAVIET & Congress Chairman
1020 hrs	About the Congress by Founder President, Prof I. J. S. Bansal , Punjab Academy of Sciences, Patiala
1030 hrs	Introduction to the theme of 22 nd Punjab Science Congress “ Innovating Science and Technology in the Service of Society ” by Prof. A. S. Ahluwalia , President, Punjab Academy of Sciences, Patiala
1040 hrs	Address by Dr. Satish Sharma , Director Colleges DAVCMC New Delhi
1050 hrs	Inaugural Address by the Chief Guest and Release of Abstract Book and Souvenir
1120 hrs	Nominations for Lifetime Achievement Award, Honorary Fellowships Awards and Oration Awards. Awardees to be presented by Prof. N. R. Dhamiwal , Secretary, Punjab Academy of Sciences, Patiala
1200 hrs	Panel Discussion on the Conference theme, “ Innovating Science and Technology in the Service of Society ”
1230 hrs	Tea Break
1245 hrs	Key Note Address by Dr. Girish Sahni , Former Director General, CSIR
1315 hrs	Oration Lecture of Desh Bhagat S. Lal Singh Oration Award of Padamshri Dr. Jagat Ram , Director, PGI Chandigarh
1345 hrs	Oration Lecture of Engineer Gurcharan Singh Oration Award of Dr. Rohit Sharma, IIT Ropar
1415 hrs	Lunch
1500hrs	Plenary Talk by Dr. Raj Bahadur Vice Chancellor, Baba Farid University of Health Sciences, Faridkot. Venue: DAVIET Convention hall

1530 hrs **Invited Talk by Dr. Ranbir Chander Sobti**, Former Vice Chancellor, Baba sahib Bhimrao Ambedkar University, Lucknow; Venue: DAVIET Convention hall

1600 hrs Tea Break

1615 hrs to 1800 hrs Paper Presentations (Section wise)

Section	Venue	Tracks
Section A (Track-1)	Smart Class Room (R-14 UG Block, Ground floor)	Agricultural Sciences and Food and Sugar Technologies
Section B (Track-2)	Convention Hall (P.G. Block)	Biosciences, Biochemistry, Biophysics, Biotechnology etc.
Section C (Track-3)	Smart Class Room (R-21 UG Block first floor)	Pure and Applied Chemistry, Pure and Applied Physics, Mathematical Sciences and Nanotechnology
Section D (Track-4)	Seminar Hall (Core block, Ground Floor)	Medical, Veterinary and Pharmaceutical Sciences
Section E (Track 5A)	DAVIET Auditorium	Computer Science And Engineering, Information Technology and Computer applications
Section E (Track 5B)	Smart Class Room (R-12 R&D Block, First Floor)	Civil Engineering and Allied Branches
Section E (Track 5C)	Smart Class Room (R-25 UG Block, second floor)	Electrical Engineering and Allied Branches
Section E (Track 5D)	Smart Class Room (R-33 R&D Block, second floor)	Electronics and communication Engineering and Allied Branches
Section E (Track 5E)	Seminar hall (Knowledge centre 2nd floor)	Mechanical Engineering and Allied Branches

1900hrs **Cultural Night by Dr. Mamta Joshi, Ph.D Sufi Singer (Lala Chanchal Das Auditorium)**

Day-2

February 8, 2019

1000 hrs

Paper Presentations/ Poster presentations (Section wise)

Section	Venue	Tracks
Section A (Track-1)	Smart Class Room (R-14 UG Block, Ground floor)	Agricultural Sciences and Food and Sugar Technologies
Section B (Track-2)	Convention Hall P.G. Block	Biosciences, Biochemistry, Biophysics, Biotechnology etc.
Section C (Track-3)	Smart Class Room (R-21 UG Block first floor)	Pure and Applied Chemistry, Pure and Applied Physics, Mathematical Sciences and Nanotechnology
Section D (Track-4)	Seminar hall-1 (Core block, Ground Floor)	Medical, Veterinary and Pharmaceutical Sciences
Section E (Track 5A)	DAVIET Auditorium	Computer Science And Engineering, Information Technology and Computer applications
Section E (Track 5B)	Smart Class Room (R-12 R&D Block, First Floor)	Civil Engineering and Allied Branches
Section E (Track 5C)	Smart Class Room (R-25 UG Block, second floor)	Electrical Engineering and Allied Branches
Section E (Track 5D)	Smart Class Room (R-33 R&D Block, second floor)	Electronics and communication Engineering and Allied Branches
Section E (Track 5E)	Seminar hall (Knowledge centre 2nd floor)	Mechanical Engineering and Allied Branches

1145 hrs

Tea Break

1200hrs

Paper Presentations/ Poster Presentations (Section-wise)
Continue.....

1330 hrs

Lunch

1430 hrs

Young Scientist Awards Presentations (Section-wise)

Section	Venue	Tracks
Section A (Track-1)	Smart Class Room (R-14 UG Block, Ground floor)	Agricultural Sciences and Food and Sugar Technologies
Section B (Track-2)	Convention Hall P.G. Block	Biosciences, Biochemistry, Biophysics, Biotechnology etc.
Section C (Track-3)	Smart Class Room (R-21 UG Block first floor)	Pure and Applied Chemistry, Pure and Applied Physics, Mathematical Sciences and Nanotechnology
Section D (Track-4)	Seminar hall-1 (Core block, Ground Floor)	Medical, Veterinary and Pharmaceutical Sciences
Section E (Track-5)	Smart Class Room (R-12 R&D Block, First Floor)	All branches of Engineering & Technology, including Textile Technology and Computation Sciences.

1545 hrs

Tea Break

1600 hrs to 1700 hrs Young Scientist Awards Presentations (Section wise) Continue.....

Day-3

February 9, 2019

- 1000 hrs **Plenary Talk by (Lt. Col.Dr.Gurpreet Inder Singh, Vice Chancellor Adesh University, Bathinda) in DAVIET Convention hall**
- 1045 hrs Paper Presentations/ Poster presentations (Section-wise)

Section	Venue	Tracks
Section A (Track-1)	Smart Class Room (R-14 UG Block, Ground floor)	Agricultural Sciences and Food and Sugar Technologies
Section B (Track-2)	Convention Hall P.G. Block	Biosciences, Biochemistry, Biophysics, Biotechnology etc.
Section C (Track-3)	Smart Class Room (R-21 UG Block first floor)	Pure and Applied Chemistry, Pure and Applied Physics, Mathematical Sciences and Nanotechnology
Section D (Track-4)	Seminar hall-1 (Core block, Ground Floor)	Medical, Veterinary and Pharmaceutical Sciences
Section E (Track 5A)	DAVIET Auditorium	Computer Science And Engineering, Information Technology and Computer applications
Section E (Track 5B)	Smart Class Room (R-12 R&D Block, First Floor)	Civil Engineering and Allied Branches
Section E (Track 5C)	Smart Class Room (R-25 UG Block, second floor)	Electrical Engineering and Allied Branches
Section E (Track 5D)	Smart Class Room (R-33 R&D Block, second floor)	Electronics and communication Engineering and Allied Branches
Section E (Track 5E)	Seminar hall (Knowledge centre 2nd floor)	Mechanical Engineering and Allied Branches

- 1200 hrs Tea Break
- 1215 hrs Paper Presentations/Poster presentations (Section wise) continue...
- 1330 hrs Lunch

Valedictory Ceremony

- 1430 hrs Arrival of the Chief Guest **Prof. (Dr.) Ajay Sharma,** Vice Chancellor, IKGPTU, Kapurthala
- 1435 hrs Floral welcome of the Chief Guest by Dr. Manoj Kumar, Principal, DAVIET and President Punjab Academy of Sciences, Patiala.
- 1445 hrs Presentation of awards
- Young Scientist and Poster Presentation Awards.
 - Research award for a rural women working in the area of Pharmaceutical Sciences
 - Best Science Teacher (Colleges) Award
 - Best Rural Science Teacher (School) Award

- Award to Female (Rural) student who topped the PSEB matriculation examination, 2018.
- Young Scientist Award for a person for original research findings presented in Punjabi Language
- Awards to be given by DAVIET
 - Best innovative idea
 - Best innovative product
 - Best innovative service
 - Best innovative teaching practice

1530 hrs	Address by the Chief Guest Prof. (Dr.) Ajay Sharma , Vice Chancellor, IKGPTU, Kapurthala
1600 hrs	Presentation of Mementoes
1610 hrs	Invitation for Next Congress by the Representative from SLIET, Longowal
1615 hrs	Vote of Thanks by Prof. N. R. Dhaliwal, Dept. of Chemistry, Punjabi University Patiala . Secretary, Punjab Academy of Sciences.
1625 hrs	High Tea

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Schedule for Poster Presentation

Venue: Knowledge Centre 2nd Floor

Date: 7, 8, 9 February, 2019

Time: 0900 hrs onwards

Judgement time: 1430 hrs to 1530 hrs (07-02-2019)

Sr. No.	Registration Id	Title of the paper	Name of Authors
Section-A			
1	psc-daviet_sa_203	Food packaging and its environmental impact	Jashanjot Kaur
2	psc_daviet_sa_263	Nutritional and Antioxidant Properties of Plum	Abhishek Bhargav Barinderjit Singh
3	psc_daviet_sa_264	Proximate, Amino Acid and Carotenoids Analysis of Jackfruit	Arshdeep Kaur, Barinderjit Singh
4	psc_daviet_sa_265	Proximate, Fatty Acid and Anthocyanin Analysis of Kokum	Jasmin Kaur Cheema, Barinderjit Singh
5	psc_daviet_sa_266	Proximate, Minerals and Polyphenol Analysis of Oats	Suraj Prabha, Barinderjit Singh
6	psc_daviet_sa_373	Antibacterial Activity of Lactobacillus Bacteriocins	Seema Garcha
7	psc_daviet_sa_332	Deterrent activity of natural products and biopesticide formulations against the red spider mite, Tetranychusurticae Koch (Acari, Tetranychidae)	Sudeshna Thakur
8	psc_daviet_sa_177	Effect of Modified Atmosphere Packaging on extended shelf life of Indian delicacy	Rekha Chawla
Section-B			
1.	psc_daviet_sb_110	Potential of Foldscope to study changes in antioxidant activity and secondary metabolite level in stomata and pollens of Lantana camara under abiotic stress like conditions	Dr. Arun Dev Sharma & Priya Nicchal
2.	psc_daviet_sb_121	Statistical optimization by Response Surface Methodology to enhance lipase production by Aspergillus fumigatus	Akshita Mehta
3.	psc_daviet_sb_122	Production of Red pigment by fungal isolate DMMS-1	Manan Sankhyan
4.	psc_daviet_sb_162	Novel techniques of Paper-towel and Consortium technique to obtain conidial inoculum and to screen plants extracts for anti-pathogenic potential	Heminder Singh

		against <i>Peronosclerospora sorghi</i> .	
5.	psc_daviet_sb_169	Potential of aqueous plant extracts for suppression of <i>Alternaria solani</i>	Gurvarinder Kaur
6.	psc_daviet_sb_199	Bone health status in college – going adolescence and young adults of district Gurdaspur, Punjab	Karamjeet
7.	psc_daviet_sb_251	Mobile phone usage pattern and awareness about rf-emr among college going students of Chandigarh	Deepti Chaudhary
8.	psc_daviet_sb_258	Tomato gene editing for enhancing shelf life using CRISPR/Cas9	Sumedha Arora
9.	psc_daviet_sb_269	Development and characterization of transgenic plants of pigeonpea carrying cry1Ab gene	Ajinder Kaur
10.	psc_daviet_sb_157	Effect of fungal endophytes isolated from a medicinal plant, <i>Vinca rosea</i> on survival and development of <i>Spodoptera litura</i> (Fabricius).	Ms. Surbjit Singh
Section-C			
1.	psc_daviet_sc_107	Synthesis, Characterization and study of reverse micellization behaviour of various d-glucose derived non-ionic gemini surfactants that differ by nature of spacer	Dr. Nirmal Singh
2.	psc_daviet_sc_123	Hydroethyl methacrylate (HEMA) and Glycidyl methacrylate (GMA) grafted cellulose-based sorbents for metal ions sorption applications	Rajesh Kumar
3.	psc_daviet_sc_130	Measurement of HPGe detector's efficiency using Unscented Transformation (UT) Method	Gulshana Premi
4.	psc_daviet_sc_202	Feasible approach of using agricultural waste for synthesis of zero dimensional carbon allotropes	Dr. Kiranjeet Kaur
5.	psc_daviet_sc_132	Atomic-level characterization of conformational transition and substrate binding of xCT, human cystine-glutamate transporter	Dr. Monika Sharma
6.	psc_daviet_sc_138	Manganese sulfide nanorods (MnS-NRs) as novel antifungal agent	Radhika Ahuja
7.	psc_daviet_sc_329	A modified sixth order method for solving systems of nonlinear equations	Nitin Kalra
8.	psc_daviet_sc_376	Structural and optical characterization of Co-doped MoS ₂ nanostructures	Sukhwinder Singh
Section-D			
1.	psc_daviet_sd_137	Evaluation of <i>Phalaris minor</i> seeds in the Diets of Milch Cows as Partial Energy Supplement	Jasmine Kaur* and S.S. Thakur
2.	psc_daviet_sd_145	To evaluate the antimicrobial potential	Heena Sood

		of Punica Granatum and Origanum vulgare	
3.	psc_daviet_sd_146	Evaluation of Murraya koenigii and Saraca asoca for their antimicrobial potency	Parminder Kaur
4.	psc_daviet_sd_147	Screening of Callistemon lanceolatus and Syzygium cumini for their antimicrobial potential	Sonia Sharma
5.	psc_daviet_sd_165	Potential of aqueous plant extracts for suppression of Alternaria solani	Neha Sharma
6.	psc_daviet_sd_168	To Study the Role of Psychosocial Counseling in treatment of Infertility	Simranpreet Sandhu
Section-E			
7.	psc_daviet_se_185	Shelf life extension of yellow bell pepper fruits using active modified atmosphere packaging"	Kirandeep

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Schedule for Oral Presentation

Day-1

Track 1: Venue: R-14 (UG Block, Ground floor)			
Date: February 7, 2019			
Time: 1615 hrs to 1800 hrs			
Section –A: Agricultural Sciences and Food and Sugar Technologies			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_sa_102	Blue Green Infrastructure as a tool for efficient Land and Water Resource Management: A Review	Mehraj U Din Dar, Shakeel Ahmad Bhat, Afnan Ashraf, Aamir Ishaq Shah
2.	psc_daviet_sa_151	Natural Resource Management for Sustainability of Punjab agriculture	Ravinder Ranguwal
3.	psc_daviet_sa_153	The Effect of Hydro- and Calcium Chloride Priming on Amylase Activity and Starch in Spring Maize under Limited Water Stress	Misha Kawatra
4.	psc_daviet_sa_156	Irrigation and Deep Tillage Effects on Productivity of Mustard in a Subtropical Environment	Madhu Dhingra
5	psc_daviet_sa_166	Enhancement in postharvest life of gladiolus spikes by packaging and storage	Shalini Jhanji
6.	psc_daviet_sa_330	Impact of Post Harvest Burning on soil fertility in Haryana, India	Ravinder Kumar, Maansi and Meenu Wats
7.	SECAAAA1230	Effects of Stubble Burning on Microbial Fauna in Districts of Haryana, India	Maansi, Ravinder Kumar and Meenu Wats
Track 2: Venue: Convention Hall- P.G. Block			
Date: February 7, 2019			
Time: 1615 hrs to 1800 hrs			
Section –B: Biosciences, Biochemistry, Biophysics, Biotechnology			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_sb_111	Differentiation Therapy: A budding barricade to Cancer Stem Cells, NavjotKaur*, Anuradha Sharma#	Navjot Kaur
2.	psc_daviet_sb_120	Recent Advances in Microbial Production of Proteases	Mukesh Chander
3.	psc_daviet_sb_125	Stastical Analysis Of Drinking Water In Pandoga Sub Watershed Catchment Area In District Una, Himachal Pradesh, India	Bindu Sharma
4.	psc_daviet_sb_128	Bioactive potential of plant essential oils	Kamaljit Sidhu
5.	psc_daviet_sb_183	Impact of Pranic Healing Psychotherapy in Management of Academic Stress of adolescent students	Balwinder Kaur
6.	SECBBS1202_19	Rudiments Of Green Nano	Simran Kalra
7.	psc_daviet_sb_418	Biomedical Applications of hydrogels	Neetu Chopra
8.	psc_daviet_sb_103	Role of Life Style Factors in Male	Dr. Amrit Kaur

		Reproduction: A Review	Bansal
9.	psc_daviet_sb_119	Prevalence of Anaemia and its covariates among Scheduled Caste Adolescent Girls of District Yamunanagar, Haryana.	Priyanka Airi Goyal

Track 3: Venue: R-21(UG block first floor)

Date: February 7, 2019

Time: 1615 hrs to 1800 hrs

Section –C: Pure and Applied Chemistry, Pure and Applied Physics, Mathematical Sciences and Nanotechnology

Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_sc_108	A Fixed Point Result For Two Hybrid Pairs Of Non-Self Rational Type Mappings	Sumit Chandok
2.	psc_daviet_sc_112	Structural And Mechanical Properties Of Nio/Yzt Anode Material	Ms. Sonia Mago
3.	psc_daviet_sc_113	Transition metal-dichalcogenides, emerging 2-D materials with applications in optoelectronic and sensing devices	Sandeep Sharma
4.	SECCPAC1199	Extraction & Recovery of Binary Mixture of Cationic dyes from Textile Effluent using Reverse Micelles of Cween-80	Narinderjit Kaur
5.	psc_daviet_sc_131	A Study Of Thermo-Acoustic Parameters Of Polypropylene Glycol (Ppg)-400 In N-Alkanols	Arun Upmanyu
6.	psc_daviet_sc_132	Atomic-level characterization of conformational transition and substrate binding of xCT, human cystine-glutamate transporter	Monika Sharma
7.	psc_daviet_sc_134	A comparative study of basins of attraction of transformation methods for finding multiple roots of nonlinear equations	Ashu Bahl
8.	psc_daviet_sc_152	A Review on Photocatalytic Techniques for Degradation of Organophosphate Pesticides	Sangeeta Chhabra
9.	psc_daviet_sc_155	New Tetraaza Transition Metal Complexes : Synthesis, Structural and Antimicrobial analysis	Veenu Chugh
10.	psc_daviet_sc_377	Thermoluminescence studies of nanocrystalline MgB ₄ O ₇ :Dy exposed to 150 MeV proton, 4 MeV and 9 MeV electron beam	Dr. Vibha Chopra and Dr. Neerja
11.	psc-daviet_sc_209	Effect of time delay in a plankton model with instant nutrient recycling	Dr. Amit Sharma
12.	psc-daviet_sc_411	Terahertz Generation By Beating Two Q-Gaussian Laser Beams In Magnetised Plasma	Simran Jit Kaur

Track 4: Venue: Seminar Hall- Core Block, Ground floor

Date: February 7, 2019

Time: 1615 hrs to 1800 hrs

Section –D: Medical, Veterinary and Pharmaceutical Sciences

Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_sd_106	Probiotic loaded, double-layered pharmabeads with improved encapsulation and gut survival for management of colonic inflammation	Dr. Parneet Kaur Deol

		associated gut derangements	
2.	psc_daviet_sd_124	Identification of Dual Inhibitors against ALR2 and PARP-1 for the Management of Diabetic, Complications	Mr. Manoj Kumar
3.	psc_daviet_sd_127	Oxindole-based SYK and JAK3 Dual Inhibitors for Rheumatoid Arthritis: Designing, Synthesis and Biological Evaluation	Mr. Mohit Arora
4.	psc_daviet_sd_137	Evaluation of Phalaris minor seeds in the Diets of Milch Cows as Partial Energy Supplement	Mr. SS Thakur
5.	psc_daviet_sd_139	Investigating the Role of DDAH/ADMA/NO Pathway in Tert-Butyl Hydroquinone Induced Pharmacological Postconditioning Mediated Cardioprotection In Rats	Ms. Kamaldeep Kaur

Track 5A: Venue: DAVIET Auditorium

Date: February 7, 2019

Time: 1615 hrs to 1800 hrs

Section –E: All branches of Engineering & Technology, including Textile Technology and Computational Sciences.

Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_se_270	Artificial intelligence techniques to design robotic system	Navjot Singh, Ankush Raj
2.	psc_daviet_se_276	Accessing Operating System Using Hand Gestures Department Of Computer Science And Engineering	Babita, Lakshay Kohli
3.	psc_daviet_se_279	Secure Passwords	Hanisha Arora, Kanchan Dadra
4.	psc_daviet_se_280	Fuzzy Logic using Java	Navpreet Kaur, Yuvraj Puri
5.	psc_daviet_se_281	Ant Colony optimization using JAVA	Nikash Sharma, Prajwal Sekhri
6.	psc_daviet_se_283	Sentiment Analysis on Twitter Data	Chahat, Abhinav Kumar Singh
7.	psc_daviet_se_334	A comparative and analysis review paper of different image de-noising techniques	Abhay Puri, Shruti Kalra
8.	psc_daviet_se_335	Mobile Health (mHealth) Applications	Palak Jindal, Navya
9.	psc_daviet_se_336	The Era of pioneering cloud applications	Radhika Sharma, Karffee Bains
10.	psc_daviet_se_337	Wireless Sensor Networks	Tanya Goyal, Pranav Sharma
11.	psc_daviet_se_353	Cloud Computing – Serverless Architecture	Subodh Datta
12.	psc_daviet_se_367	Brain Net	Ankit, Nitin, Amit Kajla
13.	psc_daviet_se_382	Artificial Neural Network	Jasmeet Kaur, Nishtha Monga
14.	psc_daviet_se_388	Effects of Cyber Security on Our Digital Life: A Review	Parminder Kaur, Bhawana and Kanika
15.	psc_daviet_se_401	Compiler Code Optimization using Artificial Intelligence	Amitoj singh, Anmolpreet Singh
16.	SECEENG1110	Digital Image Processing: A Review	Medhavi
17.	psc_daviet_se_304	Grid Computing	Naman
18.	psc_daviet_se_305	Recommendation systems	Muskan and Aarushi

19.	psc_daviet_se_306	Cloud computing and its applications	Harshita and Aditi
20.	psc_daviet_se_307	Internet of Things	Neha and Charul
21.	psc_daviet_se_308	Internet of Things and its Applications	Devanshu and Sharen
22.	psc_daviet_se_309	Information security Engineering	Akshita and Anchal
Track 5B: Venue: Smart Class Room (R-12 R&D Block, First Floor)			
(Civil Engineering and Allied Branches)			
Date: February 7, 2019			
Time: 1615 hrs to 1800 hrs			
Section –E: All branches of Engineering & Technology, including Textile Technology and Computational Sciences.			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_se_358	Papercrete Bricks	Jatin Arora, Manav
2.	psc_daviet_se_185	Shelf life extension of yellow bell pepper fruits using active modified atmosphere packaging	Kirandeep
3.	psc_daviet_se_286	Efficient Traffic Management- Road Diet Way	Mohit, Tanya, & Dr. Sanjeev Naval
4.	psc_daviet_se_288	Mapping of Soil properties of Bathinda Region Using Geographical Information system technique	Mr. Manish Bhutani
5.	psc_daviet_se_289	Construction methodology of two stage anchored secant sheet pile wall	Mr. Gobind Khurana
6.	psc_daviet_se_297	Optimum Design of Isolated Column Footings	Ms. Sonia Chutani
7.	psc_daviet_se_338	Design aids for simply supported reinforced concrete deep beams	Deepak Joshi
8.	SECEENG1239	Quality Control in Construction	Mr. Mohammad Aazam
Track 5C: Venue : Smart Class Room (R-25 UG Block, second floor)			
(Electrical Engineering and Allied Branches)			
Date: February 7, 2019			
Time: 1615 hrs to 1800 hrs			
Section –E: All branches of Engineering & Technology, including Textile Technology and Computational Sciences.			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_se_216	Load Forecasting Using Different Techniques	Ms. Shelly Bhanot
2.	psc_daviet_se_182	Transient Stability Analysis of Multi-machine System	Dr. Kanwardeep Singh
3.	psc_daviet_se_274	E-Waste Management	Ms. Ishani Sharma
4.	psc_daviet_se_275	Internet of Things or Everything Scope & Applications	Tajinder Singh, Aman
5.	psc_daviet_se_282	Ultrasonic Automatic Braking System For Forward Collision Avoidance With Accelerator Pedal Disengagement Mechanism –	Akashdeep Singh, Jasreet Kaur Saini, Manjot Kaur, Navpreet
6.	psc_daviet_se_285	Improvement of Long Transmission Line by converting EHVAC into EHVDC	Mr. Baljit Singh
7.	psc_daviet_se_296	MCUPQC Integrated With PV Array For Better Power Quality	Amanpreet Kaur
8.	psc_daviet_se_312	DTMF Based Home Automation	Reetendra Singh,
9.	psc_daviet_se_313	Losses in AC machines - A Review	Amit Kumar, Ashutosh Prabhakar
10.	psc_daviet_se_314	An Approach based on optimal tuning of Fuzzy	Arun Kumar

		PID for improving MPPT control design of PV system	
11.	psc_daviet_se_350	Street Light Glow On Detecting Vehicle Movement Using Sensor	Gagan Jindal, Lakshay Attri, Gurpreet Singh
12.	psc_daviet_se_356	IR Remote Control Circuit	Abhishek
13.	psc_daviet_se_365	Candle Light electric Generation	Aayush Mishra
Track 5D: Venue: Smart Class Room (R-33 R&D Block, second floor) (Electronics and communication Engineering and Allied Branches)			
Date: February 7, 2019			
Time: 1615 hrs to 1800 hrs			
Section –E: All branches of Engineering & Technology, including Textile Technology and Computational Sciences.			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_se_136	Role of Illumination-Reflectance in Image Processing: A survey	Mr. Navleen Singh Rekhi
2.	psc_daviet_se_346	Application of Brain Computer (Bci) And Brain Chip Interfacing(Bchis)	Mr. Mohammad Mudassir Ahmad
3.	psc_daviet_se_349	Optogenetics: The Brain Controlling Technique	Lovepreet Singh
4.	psc_daviet_se_391	Wireless charging phones through microwave-A survey	Nidhi, Niharika
5.	psc_daviet_se_395	Importance and Applications of Digital Image Processing: A survey	Simranjit Kaur, Ruchita Sudan
6.	psc_daviet_se_397	Random Self Similar Notation Coding (RSN coding)	Raghav Chib
7.	psc_daviet_se_398	Artificial Intelligence and its Applications	Gursimrat Singh Rai
Track 5E: Venue: Seminar hall (Knowledge centre 2nd floor) (Mechanical Engineering and Allied Branches)			
Date: February 7, 2019			
Time: 1615 hrs to 1800 hrs			
Section –E: All branches of Engineering & Technology, including Textile Technology and Computational Sciences.			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_se_277	A Review on Smart Lighting System for Vehicles	Chitresh uppal
2.	psc_daviet_se_278	A Review of Nanofluids: Current and Future.	Pranshu Nagpal
3.	psc_daviet_se_383	Gridded Electrostatic Ion Propulsion System- A Review	Ankit Sehdev
4.	psc_daviet_se_385	Development of shape memory alloys-A review	Rohan Thakur

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Schedule for Oral Presentation

Day-2

Morning session:

Track 1: Venue: R-14 (UG Block, Ground floor)			
Date: February 8, 2019			
Time: 1000 hrs to 0130 hrs			
Tea Break: 1145 hrs to 1200 hrs			
Section –A: Agricultural Sciences and Food and Sugar Technologies			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_sa_172	Genetic study of Brown plant hopper resistance in <i>Oryza nivara</i> (IRGC 93198)	Pavneet Kaur
2.	psc_daviet_sa_176	Relationship of Physico-Chemical Properties with Chromium Content in Soils of Punjab	Neeraj Rani
3.	psc_daviet_sa_178	Phloroglucinol effect on nutritional indices of second instar larvae of <i>Bactrocera cucurbitae</i>	Shivali Puri
4.	psc_daviet_sa_179	Scenario of Major Cereals In India	Baljinder Sidana, Sarang Monga
Track 2: Venue: Convention Hall- P.G. Block			
Date: February 8, 2019			
Time: 1000 hrs to 0130 hrs			
Tea Break: 1145 hrs to 1200 hrs			
Section –B: Biosciences, Biochemistry, Biophysics, Biotechnology			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_sb_158	Bioactive potential of plant essential oils	Kamaljit Sidhu
2.	psc_daviet_sb_159	A study on waste plastic products	Pahul Preet
3.	psc_daviet_sb_161	Effect of β -aminobutyric acid on pathogenesis related protein against cotton leaf curl disease	Archana Mukta
4.	psc_daviet_sb_163	Immature stages of <i>Papilio polyctor</i> Boisduval, 1836 from Solan, Himachal Pradesh	Dr. Saveena Bogtapa
5.	psc_daviet_sb_164	Investigation on male meiosis and microsporogenesis in <i>Aerva scandens</i> wall from western Himalayas, India	Ms Lovleen
7.	psc_daviet_sb_195	Clinical evaluation of in house PCR assay for differential diagnosis of pulmonary Tuberculosis	Rajiv khosla
8.	SECBBS1205	PLASTIC CONSUMPTION: Alarming Call to Environment.	Ms. Komal
Track 3: Venue: R-21(UG block first floor)			
Date: February 8, 2019			
Time: 1000 hrs to 0130 hrs			
Tea Break: 1145 hrs to 1200 hrs			
Section –C: Pure and Applied Chemistry, Pure and Applied Physics, Mathematical Sciences and Nanotechnology			
Sr.	Registration Id	Title of the paper	Name of Authors

No.			
1.	psc_daviet_sc_173	Effect of Core-Shell Size on Optical Properties of Ga& Cs Liquid-Metal Nanospheres	Akanksha Bhardwaj
2.	psc_daviet_sc_174	Infrared study of Iron Phthalocyanine thin films with Ammonia	Dr. Sukhminder Singh
3.	psc_daviet_sc_184	Molybdenum Impregnated Nano Silica Used as Heterogeneous Catalyst for Transesterification of Triglycerides	Mandeep Kaur
4.	psc_daviet_sc_198	Green Synthesis of Gold Nanoparticles	Ekta
5.	psc_daviet_sc_204	Effect of Calcium Doping and Sintering Method on the Properties of Ceria-Based Electrolytes	Dr. Kanchan L. Singh Ms. Payal Sharma
6.	psc_daviet_sc_250	Structural, thermal and photoluminescent properties of Eu ₂ O ₃ -Li ₂ O-TeO ₂ glasses	Hirdesh and Atul Khanna
7.	psc_daviet_sc_253	Synthesis and characterization of acyl derivatives of Schiff bases of substituted aminobenzoic acids	Arashpreet Saran
8.	psc_daviet_sc_254	Synthesis and characterization of 4-(3-(4-((2-methyl-5-oxo-1-phenyl-2,5-dihydro-1H-pyrazol-4-yl)carbonyl)phenylamino)-3-oxoprop-1-enyl)-2-methoxyphenyl acetate from ferulic acid	Divya Gupta
9.	psc_daviet_sc_259	Effect of gamma radiations on structural properties of PVC/PANI composites	Saloni Sharma
10.	psc_daviet_sc_417	Study of nano fluids- A review	Samanta Rana

Track 4: Venue: Seminar Hall- Core Block, Ground floor

Date: February 8, 2019

Time: 1000 hrs to 0130 hrs

Tea Break: 1145 hrs to 1200 hrs

Section –D: Medical, Veterinary and Pharmaceutical Sciences

Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_sd_148	Efficacy Of Sensomotor Approach For Balance Training In Stroke Patients	Mridul Makkar
2.	psc_daviet_sd_149	Variations in the Superior Articular Facet of Atlas	Neeru Goyal
3.	psc_daviet_sd_154	Micro emulsions As A Topical Drug Delivery System: A Review	Ritika Puri
4.	psc_daviet_sd_181	Nephroprotective effect of low viscosity sodium alginate on lead acetate-induced nephropoicity in rats	Gagandeep Kaur

Track 5A: Venue: DAVIET Auditorium

(Computer Science & Engineering, IT and Allied Branches)

Date: February 8, 2019

Time: 1000 hrs to 0130 hrs

Tea Break: 1145 hrs to 1200 hrs

Section –E: All branches of Engineering & Technology, including Textile Technology and Computational Sciences.

Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	SECEENG1118	Facial recognition techniques	Smridhi Jain, Riya Kumra

2.	psc_daviet_se_133	Energy efficient WSN routing and MANET security techniques	Guntas Virk
3.	psc_daviet_se_217	Image Steganography and its Techniques	Vimanyu Chopra & Divyanshu Chawla
4.	psc_daviet_se_218	A Review Paper on Information Security using Cryptography Techniques	Ria Shoor 1, Sanju Malhotra 2
5.	psc_daviet_se_221	Overview of Face Recognition System and its Authentication using GPU, LDA, etc : A Review	Simranpreet Kaur, Ms. Shaveta Kalsi(AP)
6.	psc_daviet_se_235	Biometric Systems & Recognizing	Chandana Mahajan, Ridhima Arora
7.	psc_daviet_se_236	Brain Fingerprinting	Priya and Kashish
8.	psc_daviet_se_237	Review Paper on Java technology in the design and implementation of web applications	Manish Sharma 1, Vikas Dhiman 2
9.	psc_daviet_se_238	Intrusion Detection System and its Techniques	Prabhjot Singh 1, Tanvir Singh 2
10.	psc_daviet_se_239	Image Processing and Object detection using OpenCV 3	Chirag Saini, Bhanu Handa, Saurav Sharma
11.	psc_daviet_se_240	A Systematic Review of Finger Vein Recognition Techniques	Salil Chawla 1, Sushant 2
12.	psc_daviet_se_241	Elliptic Curve Cryptography	Kanwar Ujjwaldeep Singh, Manav Bhardwaj
13.	psc_daviet_se_245	Business Intelligence And Analytics (BIA) Review Paper	Rimpy, Bhavya
14.	psc_daviet_se_247	Databases of Biometric Recognition Systems	Aakriti Bhardwaj, Simran
15.	psc_daviet_se_310	Software Engineering	Osheen and Jasleen
16.	psc_daviet_se_311	AI technology in automotive industry- A review	Shivani and Sharn
17.	psc_daviet_se_344	Survey and Analysis on Clustering Algorithms in Data Mining	Guneet Kaur Walia
18.	SECEENG1066	Applications of Machine Learning In Cancer Detection	Jeewan kaur
19.	psc_daviet_se_327	A review on cloud computing as data storage tool	Jasdeep Kaur, Maulik Jain
20.	psc_daviet_se_351	A Comparative Study of Hacking (Tools & Techniques)	Jasdeep Kaur, Bhuvanagiri Gireesh
21.	SECEENGF1237	Test case prioritization using the ACO algorithm with automated process	Ms. Riza Dhiman

**Track 5B: Venue: Smart Class Room (R-12 R&D Block, First Floor)
(Civil Engineering and Allied Branches)**

Date: February 8, 2019

Time: 1000 hrs to 0130 hrs

Tea Break: 1145 hrs to 1200 hrs

Section –E: All branches of Engineering & Technology, including Textile Technology and Computational Sciences.

Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_se_345	Thirsty Concrete (Porous Concrete)	Rahul Attri, Kartikey
2.	psc_daviet_se_347	Role of SBR Technique With Tertiary Treatment In Waste Water Treatment Plant	Dhruv Anand, Hrithik Sahota
3.	psc_daviet_se_360	Floating Concrete-Uses and Applications	Sanjesh Chhabra,

			Monu Kumar
4.	psc_daviet_se_361	Construction and Demolition Waste:- Waste to Wealth	Tarandeep Kaur, Aditya Kalra, Atul, Aniket Kohli, Baljeet Singh5, Sanjeev Naval
5.	psc_daviet_se_362	Innovations in Concrete Technology	Sahil Raskotra, Kashyap
6.	psc_daviet_se_389	Future of transportation	Dhruv Handa, Navnaveen Singh
7.	psc_daviet_se_390	Liquefaction of Soils-Causes & Remedies	Prafful Prasad, Nishant Bharti
8.	SECEENG1238	Geo Polymer Concrete Using Flyash, recycled aggregates, geo plymer and ground granulated blast furnace SLAG (GGBFS)	Mr. Manpreet Singh

**Track 5C: Venue : Smart Class Room (R-25 UG Block, second floor)
(Electrical Engineering and Allied Branches)**

Date: February 8, 2019

Time: 1000 hrs to 0130 hrs

Tea Break: 1145 hrs to 1200 hrs

Section –E: All branches of Engineering & Technology, including Textile Technology and Computational Sciences.

Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_se_384	Suggestion to enhance execution of a sun based PV framework	Ajay Kapoor
2.	psc_daviet_se_214	Importance Of Smart Grids In Power System	Mr. Mani Bansal
3.	psc_daviet_se_215	Application of tuned PID controller to analyses the performance of DC motor using Metaheuristic Techniques	Mr. Rahul Sharma
4.	psc_daviet_se_222	Scenario of Distributed Generation in India: A Review	Sakshi Kumari
5.	psc_daviet_se_223	A Review on Smart Meter Communication Systems and Security System in Smart Grid	Shafali
6.	psc_daviet_se_224	Renewable Energy Generation in India	Aditya Sharma
7.	psc_daviet_se_225	Smart Metering System through GSM technology	Raveena
8.	psc_daviet_se_226	Transformer losses in distribution network: A Review	Mudit Dhussa, Muddasia Ahmed Rashi
9.	psc_daviet_se_227	Application on IOT : A Review	Tarun Salaria & Gurpreet Singh
10.	psc_daviet_se_228	A Review on Maintenance and Troubleshooting of DC Machines	Divya Bhatnagar, Dimple Verma, Rohni
11.	psc_daviet_se_229	Smart Grid Operation with Cross-Breed Renewable Resources	Paras Chawla, Puneet Chaudhary
12.	psc_daviet_se_230	Present Scenario on Free Energy Permanent Magnet motor (FEPMM): A Review	Chitwan Sharma, Jaskaran Singh

**Track 5D: Venue: Smart Class Room (R-33 R&D Block, second floor)
(Electronics and communication Engineering and Allied Branches)**

Date: February 8, 2019

Time: 1000 hrs to 0130 hrs

Tea Break: 1145 hrs to 1200 hrs

Section –E: All branches of Engineering & Technology, including Textile Technology and

Computational Sciences.			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	SECEENG1167	Wireless Patient Monitoring System With GSM	Jaspreet Kaur, Dr. Neeru Malhotra
2.	psc_daviet_se_246	Implementation of a Battery operated electronic circuit for detection of eye winks and blinks	Surbhi Sarna
3.	psc_daviet_se_271	Performance Analysis of 8 x 10 Gbps Bidirectional Green WDM-PON system	G.Singh and M. L. Singh
4.	SECEENG1214	Internet of things - a review	Siddhant Jasrotia
5.	psc_daviet_se_272	IOT based automatic waste segregator & monitoring system	Sourabh Patial
Track 5E: Venue: Seminar hall (Knowledge centre 2nd floor)			
(Mechanical Engineering and Allied Branches)			
Date: February 8, 2019			
Time: 1000 hrs to 0130 hrs			
Tea Break: 1145 hrs to 1200 hrs			
Section –E: All branches of Engineering & Technology, including Textile Technology and Computational Sciences.			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_se_386	Sensotronic Braking System	Rahul Kumar Mehta
2.	psc_daviet_se_387	Characteristic of Nanofluids- A review	Vidhya Sagar
3.	psc_daviet_se_393	Effect of Mechanical vibrations in Machinery-A review	Moyukh Datta Roy
4.	psc_daviet_se_394	Supersonic to Hypersonic-A review	Maninder Singh

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Schedule for Oral presentation (Young Scientist Award)

Afternoon session:

Track 1: Venue: Smart Class Room (R-14 UG Block, Ground floor)			
Date: February 8, 2019			
Time: 1430 hrs to 1715 hrs Tea break 1600 hrs to 1615 hrs			
Section –A: Agricultural Sciences and Food and Sugar Technologies			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_sa_188	Biotechnological Interventions to combat with a leaf spot disease of <i>Withania somnifera</i> (L.) Dunal	Baldev Singh
2.	psc_daviet_sa_352	Tolerance potential of ornamental trees under saline stress conditions	Jagriti Gupta
3.	psc_daviet_sa_354	In Vitro Production of Double Haploid lines in onion	Prerna Thakur
4.	psc_daviet_sa_359	VIS-NIR Reflectance Spectroscopy for Assessment of Soil Available Phosphorus in a Rice-Wheat Field of Ludhiana District of Punjab	Bhabani Prasad Mondal
5.	psc_daviet_sa_348	Variability In <i>Ustilaginoideavirens</i> (Cke.)Tak. Causing False Smut Of Rice And Identification Of Resistance Sources	Ritu Rani
Track 2: Venue: Convention Hall (P.G. Block)			
Date: February 8, 2019			
Time: Time: 1430 hrs to 1715 hrs			
Tea break :1600 hrs to 1615 hrs			
Section –B: Biosciences, Biochemistry, Biophysics, Biotechnology			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_sb_122	Production of Red pigment by fungal isolate DMMS-1	Manan Sankhyan
2.	psc_daviet_sb_189	Abstract	Sakshi Acaro
3.	psc_daviet_sb_192	Plant size, Dry Biomass and Carbon Sequestration Potential of Wetland Macrophytes	Aafreen Ioolu
4.	psc_daviet_sb_210	Isolation and characterization of cellulose degrading bacteria for enhancing green manure decomposition and nutrient availability	Jaspreet Kaur Sian
5.	psc_daviet_sa_135	A genome editing strategy for development of resistant starch wheat	Dr. Pooja Manchanda

Track 3: Venue: Smart Class Room (R-21 UG Block first floor)			
Date: February 8, 2019			
Time: 1430 hrs to 1715 hrs			
Tea break :1600 hrs to 1615 hrs			
Section –C: Pure and Applied Chemistry, Pure and Applied Physics, Mathematical Sciences and Nanotechnology			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_sc_101	New Measures of Directed Divergence for Discrete Probability Distributions	Ruchi Handa
2.	psc_daviet_sc_170	Optical Properties Tunability of Co-Ag/Au Alloys Nanoparticles: Effect of Sizes, Shapes, and Compositions	Pardeep Bhatia
3.	psc_daviet_sc_150	Ball Convergence Theorem and Dynamical study of an Iterative Method in Banach Spaces	Gagandeep
4.	psc_daviet_sc_115	Self-Comparison of Convergence Speed in Agarwal, O'Regan & Sahu's S-Iteration	Naveen Kumar
5.	psc_daviet_sc_193	Sonication Assisted Synthesis Of Graphene Conductive Inks For Gas Sensing Applications	Amanpreet Kaur
6.	psc_daviet_sc_205	Dressed state analysis of Electromagnetically induced transparency in a five-level X-type atomic system with wavelength mismatching effects	Amanjot Kaur
7.	psc_daviet_sc_196	Biodynamic Heterobimetallic complexes of Bivalent Copper: Synthesis, Characterization, Biological Aspects and Toxicological Evaluation	Anshul Singh
8.	psc_daviet_sc_250	Structural, thermal and photoluminescent properties of Eu ₂ O ₃ -Li ₂ O-TeO ₂ glasses	Hirdesh
9.	psc_daviet_sc_187	Enhancement of terahertz radiation by resonance in arrays of nano antennas	Dr. Shivani Vij
Track 4: Venue: Seminar Hall (Core block, Ground Floor)			
Date: February 8, 2019			
Time: Time: 1430 hrs to 1715 hrs			
Tea Break: 1600 hrs to 1615 hrs			
Section –D: Medical, Veterinary and Pharmaceutical Sciences			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_sd_126	Decoding the signature of molecular mechanism involved in mutation associated resistance in 1, 3-benzothiazin-4-ones (BTZs) based DprE1 inhibitors	Himanshu Verma
2.	psc_daviet-sd_116	hCES-1 and hCES2 Mediated Activation of Epalrestat-Antioxidant Mutual Prodrugs: Unwinding the Hydrolytic Mechanism Using In Silico Approaches	Shalki Choudhary
3.	psc_daviet_sd_104	Synthesis and Pharmacological Investigation of cyclic heptapeptide Segetalin E	Komalpreet Kaur
4.	psc_daviet_sd_105	Pharmacological Activity of Newly Synthesized amino acid methylester/peptide derivatives of phenoxy acetic acid	Ramninder Kaur
5.	psc_daviet_sd_301	Design, Synthesis and Biological Evaluation of Indole Comprising Tesmilifene Analogues as Anticancer Agents	Vishali Garg

6.	psc_daviet_sc_261	Chemistry of Pyrazolines of sesquiterpenes lactones and their Bioactivity	Savinder Kaur
7.	psc_daviet_sd_144	TOXOPHILITE-“A BOW LOVER”- Effect of psycho-physiotherapeutic approach in enhancing performance among Elite Archers	Geetanjali Sagar
8.	psc_daviet_sd_249	Development and characterization of long acting injectable implants of Ganciclovir	Pooja Anothra
9.	psc_daviet_sd_191	Nanocomposite for improving physiochemical properties, bioavailability and clinical utility of Docosahexanoic acid.	Harman preet
10.	psc_daviet_sd_175	To explore and investigate the synergistic effect of Polyherbal formulation against High Fat Diet and Alcohol Induced Hepatotoxicity in rodents.	Mr. Onkar Bedi
11.	psc_daviet_sd_256	Formulation and Evaluation of UV Protective synbiotic skin care topical formulation	Tanya Bajaj
12.	psc_daviet_sd_148	Efficacy Of Sensomotor Approach For Balance Training In Stroke Patients	Neha Kumari
13.	psc_daviet_sd_142	“Disability is mere a matter of Perception”- Effect of Combined Integrated Learning Programme (CILP) among Middle aged School Children with Learning Disability of Patiala District, Punjab	Ms. Mridul Makkar
14.	psc_daviet_sd_143	Radiographic Measurements (Plain X-Ray) In Lumbar Dysfunctions And The Utility In Clinical Practice	Simran Riar
15.	psc_daviet_sd_106	Probiotic loaded, double-layered pharmabeads with improved encapsulation and gut survival for management of colonic inflammation associated gut derangements	Dr Parneet Kaur Deol
16.	psc_daviet_sd_190	Development and characterization of <i>in situ</i> nanoparticle based formulation for sustained and targeted delivery of carboplatin for improving its safety and efficacy	Shubham Thakur
17.	psc_daviet_sd_300	Development, characterization, optimization and evaluation of Clotrimazole loaded emulsomes for Vulvovaginal candidiasis Infection	Sandeep Kaur
18.	psc_daviet_sd_268	Development And Characterization Of Cisplatin And Probiotic Loaded Suppositories For The Treatment Of Cervical Cancer	Harpal Kaur

Track 5A: Venue: R-12 R& D Block

Date: February 8, 2019

Time: Time: 1430 hrs to 1715 hrs Tea break 1600 hrs to 1615 hrs

Section –E: All branches of Engineering & Technology, including Textile Technology and Computational Sciences.

Sr. No.	Registration	Title of the paper	Name of Authors
1.	psc_daviet_se_141	A Review on Finger Vein Recognition Matching Techniques	Kanika Kapoor
2.	psc_daviet_se_201	Fuzzy Routing Trust Based Wireless Sensor Network	Ashima Rai
3.	psc_daviet_se_140	Yawning Detection for Driver Drowsiness	Amandeep Kaur

		Measurement: A Review of State-of-art	
4.	psc_daviet_se_186	Quantum Transport Analysis of Biomarker for Mercury Concentration	Rajan Vohra
5.	psc_daviet_se_262	Transient Stability Analysis of Multi-machine System	Vishal mittal

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Schedule for Oral Presentation

Day-3

Track 1: Venue: Smart Class Room (R-14 UG Block, Ground floor)			
Date: February 9, 2019			
Time: 1100 hrs to 1200 hrs			
Tea break: 1215 hrs to 1330 hrs			
Section –A: Agricultural Sciences and Food and Sugar Technologies			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_sa_197	Morphological characterization of elite mango (<i>Mangifera indica</i> L.) Germplasm from different parts of the North-Western India	Gurbir Singh
2.	psc-daviet_sa_200	Crop residue management in Punjab: A Farmer's Dilemma	Kashish Arora
3.	psc-daviet_sa_206	Honey based multigrain muffins: study of moisture sorption characteristics	Jaspreet Kaur, Kriti Chopra
4.	psc_daviet_sa_267	Effect of Processing Methods on Polyphenolic Compounds Among Different Vigna Species	Barinderjit Singh
5.	psc_daviet_sa_284	Development Of Antioxidant Rich Fruit Bars From Guava Juice Waste	Sukhpreet Kaur
Track 2: Venue: Convention Hall (P.G. Block)			
Date: February 9, 2019			
Time: 1100 hrs to 1200 hrs			
Tea Break:1215 hrs to 1330 hrs			
Section –B: Biosciences, Biochemistry, Biophysics, Biotechnology			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_sb_167	Antioxidative potential of Plant Growth Promoting Rhizobacteria in inducing Cd tolerance in <i>Lycopersicon esculentum</i> seedlings	Kanika Khanna
2.	psc_daviet_sb_211	Study Of Bee Forage Plants During Winter In Chandigarh Area	Jaswal Sunaina
3.	psc_daviet_sb_212	Phylogenetic relationship among five different species of family Cyprinidae using mtDNA	Anshika
4.	psc_daviet_sb_213	Computational Prediction and Comparative Analysis of Enhancers of Dorso-Ventral Patterning Genes in <i>Drosophila</i> and <i>Tribolium</i> .	Subham Kapil

5.	psc_daviet_sb_374	Role of algae in biofuel production	Priya Sharma and Ishita Chhabra
6.	psc_daviet_sb_171	Optimization of particle bombardment parameters to achieve targeted mutagenesis in wheat	Monika Bansal
Track 3: Venue: Smart Class Room (R-21 UG Block first floor)			
Date: February 9, 2019			
Time: 1100 hrs to 1200 hrs			
Tea Break:1215 hrs to 1330 hrs			
Section –C: Pure and Applied Chemistry, Pure and Applied Physics, Mathematical Sciences and Nanotechnology			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_sc_260	Chemical alternatives for valorization of rice straw	Ramandeep Kaur*
2.	psc_daviet_sc_273	Morella thermoacetica bacteria as a source of energy especially in solar panels	Dipali, Jyotsna
3.	psc_daviet_sc_299	Two dimensional problem in a Thermoelastic medium under photothermal theory	Sunil Kumar Sachdeva
4.	psc_daviet_sc_316	Fabrication of Cr doped ZnO nanocomposites thin films using sol-gel method for photocatalytic application	Sushil Kumar ^a
5.	psc_daviet_sc_340	Synthesis of Indole derivatives and their antimicrobial activity	Palak Jain* a, Divya Utrejaa
6.	psc_daviet_sc_341	Synthesis of Chalcone derivatives and their evaluation as antimicrobial agents	RiddhiSalotra*a, DivyaUtrejaa
7.	psc_daviet_sc_342	An optimal weighted Newton family for solving nonlinear equations	Rajni Sharma
8.	psc_daviet_sc_343	Development of the governing field equations for a composite porous medium saturated by immiscible fluids	Neeru Sharma
9.	psc_daviet_sc_357	A study of Proposed Error Correction Scheme using QAM modulation	Simmi Garg
10.	psc_daviet_sc_368	Structural and Optical Characterization of Metal oxide Nanostructure by Hydrothermal Method	Mamta Sharma
11.	psc_daviet_sc_369	Hydrothermally Synthesized LiCoO ₂ Nanostructure as Cathode Material for Li-Ion Batteries	Mamta Sharma
Track 4: Venue: Seminar Hall (Core Block, Ground Floor)			
Date: February 9, 2019			
Time: 1100 hrs to 1200 hrs			
Tea break:1215 hrs to 1330 hrs			
Section –D: Medical, Veterinary and Pharmaceutical Sciences			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_sd_255	Prevalence And Risk Factors For Low Back Pain Amongst DAV College Teachers Of Jalandhar ,Punjab	Parveen Dhillon

2.	psc_daviet_sd_287	A study to ascertain depression, stress and anxiety level in post menopausal women and its corresponding effects of their quality of life	Dr. Rajvir Kaur
3.	psc_daviet_sd_295	The effectiveness of electrotherapy and flexibility exercises in adolescents girls with primary dysmenorrhoea	Kiranpreet Kaur
4.	psc_daviet_sd_378	Learn, Recover And Adapt With The Adaptable Brain	Dr. Manika Saxena
5.	psc_daviet_sd_379	Critical role of adenosine in experimental stress-mediated modulation of remote preconditioning-induced cardioprotection in rats	Simranjot Kaur
6.	psc_daviet_sd_380	Comparative study of three 3-nitropropionic acid models of Huntington's disease	Jasleen Kaur Viridi
7.	psc_daviet_sd_381	Investigating the role of neurogenic pathway in the late phases of remote and adenosine preconditioning-mediated cardio-protection	Manish Kumar
8.	psc_daviet_sd_412	Photo-thermal approach for the unconventional green synthesis of biologically active functionalized Benzimidazoles	Simran Harsh & Rupesh Kumar
9.	SECDPHS1053	Exploring the role of endogenous opioids in neuropathic pain attenuating effects of pregabalin in chronic constriction injury model in rats	Jasmine
10.	SECDPHS1209	Evaluating the effect of antiepileptic drugs and their interaction with ABC transporters	Gurpreet Kaur Grewal
11.	SECDMED1211	Molecular perplexity of Tuberculosis and Diabetes mellitus	Sunil Malik

**Track 5A: Venue: DAVIET Auditorium
(Computer Science & Engineering, IT, MCA and Allied Branches)**

Date: February 9, 2019

Time: 1100 hrs to 1200 hrs

Tea break: 1215 hrs to 1330 hrs

Section –E: All branches of Engineering & Technology, including Textile Technology and Computational Sciences.

Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_se_248	Role of Trajectory for Sink placements in Wireless Sensor network	Akashdeep Kaur
2.	psc_daviet_se_298	Understanding developer abandonment in open source software projects	Rajdeep Kaur
3.	psc_daviet_se_371	A survey: digital image processing techniques	Bindia Aggarwal, Mr. Parveen Kakkar
4.	SECE1116	An ensemble classification model for extracting emotions in text	Sandeep Kaur
5.	SECEENG1141	A Study on Data Aggregation in Wireless Sensor Networks	Simran Gupta
6.	SECEENG1143	A Study on Soft Computing Based	Akshi Sharma

		Clustering Techniques	
7.	SECEENG1172	Software testing paper	Rajat Khanna, Paras Bhalla
8.	SECEENG1173	Journey from Grid Computing to Cloud Computing	Suman Puar , Rohit Sharma
9.	SECECS1192	Comparison On Views Regarding Unit Regression Testing	Parul jain , Reetu
10.	SECEENG1196	New Hybrid Cryptography Algorithm	Manu sharma, Navpreet Singh
11.	SECEENG1197	Face Recognition Technique	Anshu, prabhjot kaur
12.	SECEENG1224	Abstract on Robotics	Amandeep kaur,Pawan Kumar paul
13.	psc_daviet_se_408	Smart Agriculture: Need for farming	Vishal Angral, Mukesh Kumar & Ramandeep
14.	psc_daviet_se_302	Big Data Analytics in Healthcare	Ashutosh and Anmol
15.	psc_daviet_se_303	Study and Analysis of Cryptography Techniques	Kunal and Mridul
16.	psc_daviet_sc_355	A Study On Web Development(Tools& Implementation)	Ojas Dhingra
17.	psc_daviet_se_363	Abstract research Paper Implementation of Qt framework using python programming Language	Sumeet Dugg
18.	psc_daviet_se_366	Crypto jacking	Ankita, Bhanu Priya
19.	psc_daviet_se_370	Integration Testing	Diksha, Neha
20.	psc_daviet_se_376	Structural and optical characterization of Co-doped MoS ₂ nanostructures	Prahjeet Kaur, Sukhvir Kaur
21.	SECECS1084	Comparison of ACO Approach	Pranshu Puri
22.	psc_daviet_se_118	Advancements in Airport Meteorological Instrument System	Dr. Sanjay O'Neill Shaw
23.	SECEENG1085	Analysis Of Data Mining Techniques: A Review	Shivani Walia (Student)

**Track 5B: Venue: Smart Class Room (R-12 R&D Block, First Floor)
(Civil Engineering and Allied Branches)**

Date: February 9, 2019

Time: 1100 hrs to 1200 hrs

Tea Break:1215 hrs to 1330 hrs

Section –E: All branches of Engineering & Technology, including Textile Technology and Computational Sciences.

Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_se_333	Latest Trends in Transportation	Taniya1, Sonia Chutani2
2.	SECEENG1112	Seismic Hazard Analysis Of District Pathankot	Shiv Om Puri
3.	SECEENG1181	Soil Stabilization Using Rice Husk Ash With Lime	Kabir Gill
4.	SECEENG1194	Fibers Reinforcement Concrete	Dilshan Mohd
5.	SECEENG1213	Reinforcement of Hair as Fibers in Cement Concrete	Asim Amin Dar
6.	SECEENG1229	Translucent Concrete	Brahmjot Kaur
7.	psc_daviet_se_294	Potential of Nano materials in Civil Engineering	Pawandeep Kaur

**Track 5C: Venue: Smart Class Room (R-25 UG Block, Second floor)
(Electrical Engineering and Allied Branches)**

Date: February 9, 2019

Time: 1100 hrs to 1200 hrs			
Tea Break:1215 hrs to 1330 hrs			
Section –E: All branches of Engineering & Technology, including Textile Technology and Computational Sciences.			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_se_231	Power factor Improvement techniques in distribution network - A Review	Kartic Kashyap, Harjinder Singh & Amit
2.	psc_daviet_se_232	Review of three phase and single phase electrical equipment by using of various technologies	Keshav, Prashant Kumar
3.	psc_daviet_se_233	Noise cancellation using filters and adapter filters	Mamta Devi & Gitish Arora
4.	psc_daviet_se_234	Minimization of losses in distribution transformer and transmission lines – A Review	Ritik Lochan
5.	psc_daviet_se_242	Improving electrical system reliability using infrared thermography	Anushka Sharma & shivani
6.	psc_daviet_se_243	Implementation of PLC and Scada in Electrical	Iqbal Singh Bhullar, Manjot Kaur, Chirag Rohilla
7.	psc_daviet_se_244	Development of Nuclear Batteries and its importance	Jaskaran Singh, Upinder singh
8.	psc_daviet_se_252	Optimal Control of DC motor using Ant Lion Optimization Algorithm	Rahul Bahl
9.	psc_daviet_se_257	Stability issues of Solar energy with integration to Smart Grid	Dr. Chintu Rza
10.	psc_daviet_se_180	Generating Electricity Through Road Traffic	Rishav Sharma, Gautam Kumar
11.	psc_daviet_se_409	Coordinated and Optimized Voltage Control in Active Distribution Based on Two-Stage Programming Algorithm	Richa Thakur
12.	SECEENG1013	Power system relative stability using liapunov function based aggregation-decomposition technique	R Jha
Track 5D: Venue: Smart Class Room (R-33 R&D Block, Second Floor)			
(Electronics and communication Engineering and Allied Branches)			
Date: February 9, 2019			
Time: 1100 hrs to 1200 hrs			
Tea break1215 hrs to 1330 hrs			
Section –E: All branches of Engineering & Technology, including Textile Technology and Computational Sciences.			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	psc_daviet_se_317	Redefining the Association of Human with Machine	Pallavi Mahajan, Vanshika
2.	psc_daviet_se_318	Malware and its Evolution: A Survey	Saransh Sekhri
3.	psc_daviet_se_320	Effect of Electromagnetic and associated waves in deterioration of Human Life: A Survey	Sunny Chandel
4.	psc_daviet_se_321	IOT and its Applications	Piyush
5.	psc_daviet_se_322	Electronic Blind Stick	Simran
6.	psc_daviet_se_323	Antennas And Its Future: A Review	Minni, Muskan

7.	pse_daviet_se_324	Role of Internet of Things (IoT) in Automation Industry	Shallu Theti, Riya
8.	pse_daviet_se_326	Emotion recognition using EEG signal implemented in FPGA based hardware	Nitansh Nagpal
Track 5E: Venue: Seminar hall Knowledge 2nd floor (Mechanical Engineering and Allied Branches)			
Date: February 9, 2019			
Time: 1100 hrs to 1200 hrs			
Tea break:1215 hrs to 1330 hrs			
Section –E: All branches of Engineering & Technology, including Textile Technology and Computational Sciences.			
Sr. No.	Registration Id	Title of the paper	Name of Authors
1.	SECEENG1235	Recent Advancements in Dual Clutch Transmission System	Harshdeep Singh
2.	SECEENG1232	Advancements in Anti-lock Braking System	Manmeet Singh
3.	SECEENG1234	Recent advancements in Continuous Variable Transmission System	Nitin Kumar
4.	SECEENG1201	Antilock Braking System :A Study	Sanjay Devgan & Rohit Duggal
5.	SECEENG1233	Advancements in Electronic Brake Force Distribution (A Review)	Himanshu Konadal