

Key Indicators 1.4 feedback system

Action Taken Report on Curriculum related Feedback

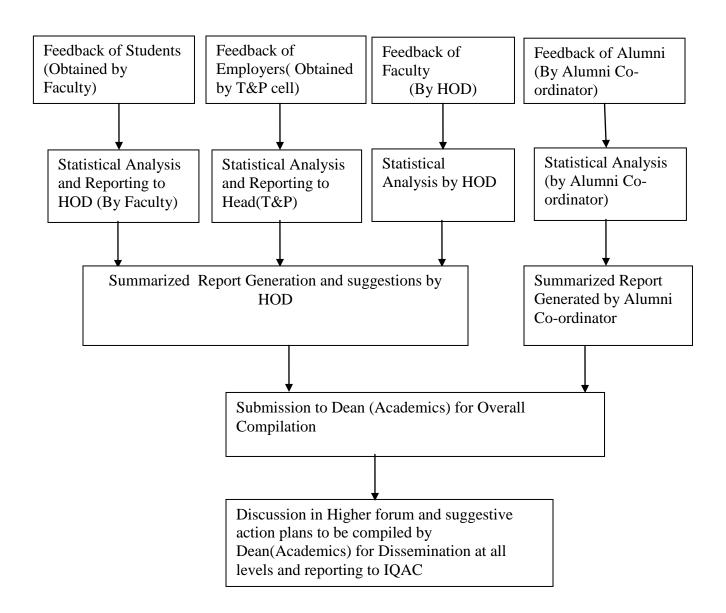
S. No.	Action Taken Report	
1	Academic Year 2021-22	



Action Taken Report on Curriculum Related Feedback Academic year 2021-2022

S. No.	Contents	Pages
1	Flowchart of curriculum related feedback	1
2	Curriculum feedback report for academic year 2021-22	2
3	Proofs of activities conducted in response to the recommendations made after analysis of curriculum related feedback	3 -onwards

FEEDBACK PROCESS OF THE INSTITUTE FOR CURRICULUM ASPECT



BABA BANDA SINGH BAHADUR ENGINEERING COLLEGE, FATEHGARH SAHIB

Summary of the curriculum related feedback received from various stakeholders and recommendations/suggestions in light of the feedback

Academic year: 2021-22 Date: 6th July, 2022

Based on the curriculum related feedback, received from various stake holders, some departments have identified the need to organize special workshops/seminars/expert talks to supplement the curriculum and have made some recommendations in this regard which are listed below:

- a. The Applied Sciences Department has proposed to organize Science Day and Women's Day. A debate competition, essay writing, poster making and a creative writing contest may also be planned to motivate the students.
- b. The Computer Science and Engineering Department has proposed to organize the events for undergraduate students related to modern softwares relevant to the technology, which are being used in the industrial environment. Various workshops or expert talks for the post graduate students may be conducted so that they can write and publish their research work in reputed journals and upcoming conferences. The students shall be given exposure of mock placement tests and interviews.
- c. To improve the student's overall skill development, the Civil Engineering Department has proposed to arrange webinars on the career counseling and latest designing tools. Field trips to various engineering sites, such as concrete plants, construction sites, newly designed over-bridges, dams and railways tracks are also planned. In order to inspire and motivate the students, additional expert discussions with alumni and other eminent personalities may be organized.
- d. The Electronics and Communication Engineering Department has proposed to organize e-quizzes/ expert talks/seminars on new technologies in the field of electronics and communication. In order to provide students with an overview of the industrial environment, industrial visits may be planned. Students will be prepared for competitive exams through various events organized by the department.
- e. The Electrical Engineering Department has proposed various technical/non-technical events and seminars/webinars/workshops to enhance the communication and technical skills of the students. Industrial visits may also be planned for providing industrial environment exposure to the students.
- f. The Mechanical Engineering Department has suggested to enhance the knowledge of the students in their core branch by arranging webinars on recent advances in mechanical engineering, aerospace sector, manufacturing sector. Some industrial visits may also be arranged.
- g. The Department of Management Studies has suggested seminars on human values and nutrition awareness for the students. Power point presentation may also be arranged to improve the communication skills of the students.
- h. The Department of Agriculture Engineering has proposed to organize seminars and industrial visits of various industries related to agriculture. The institutional visits for improving student's understanding of agriculture waste utilization and management may be planned.
- in the Alumni and Employer feedback analysis, it was noted that a strong emphasis should be put on student's personality development. In order to meet the above purpose, the Alumni cell and the Training & Placement cell has suggested to arrange some personality development classes.

The suggestions have been found to be suitable and discussed in higher forum/IQAC meeting and recommended for approval.

Dean Academics 6/7/2022

8.8.S.B. Engg. College Fatehgarh Sahib (Pb)

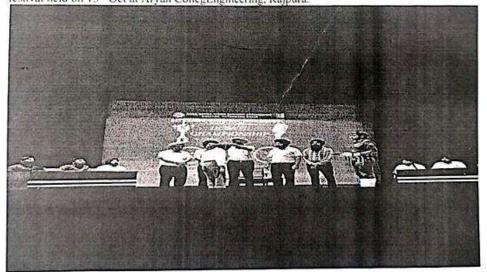
Applied Science Department Activities during Session 2021-22

Debate Championship, 29th September 2021

A debate championship 2021 was organized on league basis. Different topics were allocated and 16 teams, each team comprising 4 members participated in this British Parliamentary Debate. championship. The eight teams qualified for quarterfinals and grand finale was conducted on 29th September, 2021. Team Alpha (Karamveer Singh, Bhavneet Kaur, GaganjeetKuar, Gunjot Singh) bagged ist positions. The winner were facilitated by Principal, Dr. Lakhvir Singh.



Moreover, the students of literary club of college bagged overall literacy trophy during youth festival held on 15th Oct at Aryan CollegEngineering, Rajpura.



Deptt. of App. Sciences B.B.S.B. Engg. College Fatehgarth Sahib (Pb.)

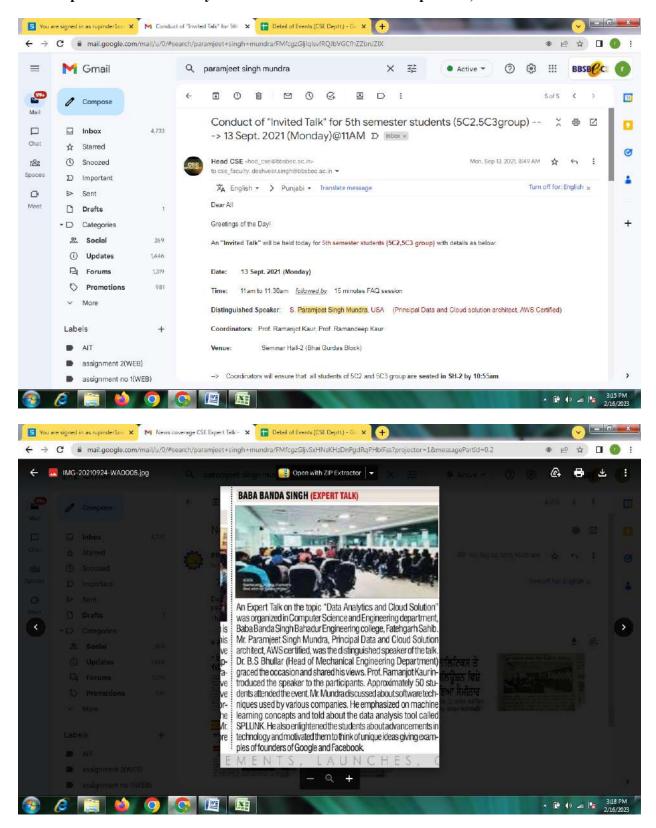
Activities of Computer Science & Engineering Department during Session 2021-22

B.Tech. (CSE), M.Tech. (CSE), BCA and B.Voc. (SD)

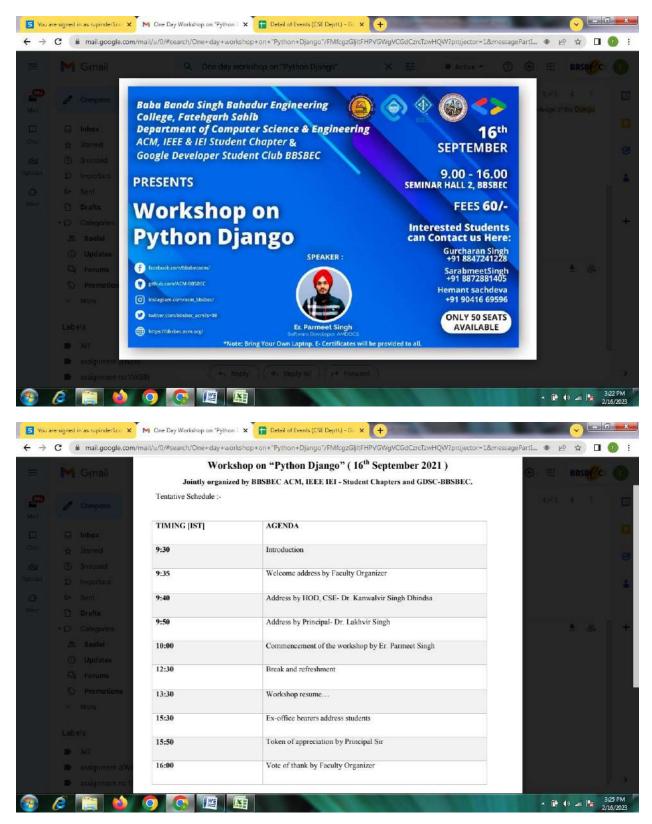
Sr. No	Feedback	Committee/Club	Action Plan
ı	Awareness of Industrial environment	CSE Department	An Expert talk on Data Analytics and Cloud Solutions on 13th September, 2021
2	To enhance the exposure to recent advancements	ACM ,IEEE, IEI student chapters & Google Developer Student Club (GDSC)	One day workshop on "Python Django" on 1614. September,2021
3	Awareness of modern technologies	CSE Department	Webinar on Data Science on 8 th Feb,2022
4	Awareness of modern technologies	IEEE student chapter	Systematic approach for writing research papers, indexing and citations on 9t Feb, 2022
5	To enhance the exposure to recent advancements.	ACM student chapter	Expert Talk on Modern Day Intellectual Property on 4 th March,2022
6	To enhance the exposure to recent advancements	GDSC Club	Flutter festival BBSBEC From 14 th Feb to 31 st March,2022
7	Preparation for competitive exams	CSE department	Workshop on GATE exam preparation on 27 th April,2022
8	To enhance the exposure to recent advancements	CSE department	Workshop on Machine Learning on 24 th May,2022

Definition of Computer Science and Engineering Baba Banda Singh Bahadur Engineering College

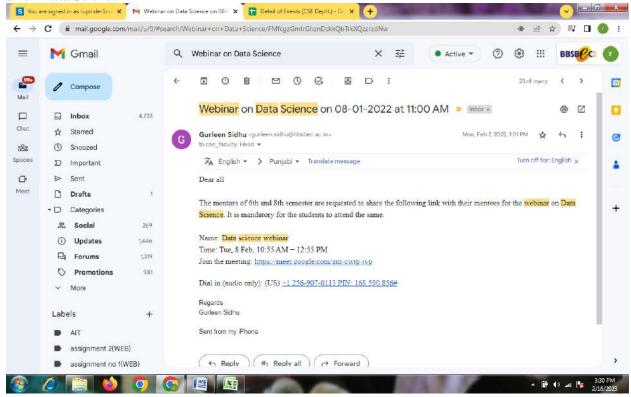
1.An Expert talk on Data Analytics and Cloud Solutions on 13th September, 2021



2.One day workshop on "Python Django" on 16th September,2021



3. Webinar on Data Science



4.An event of IEEE student Chapter



5.A lecture on Intellectual Property Rights

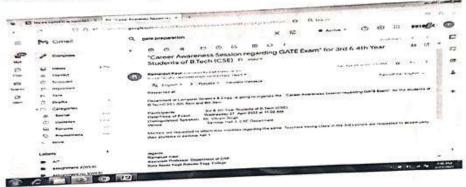


6.Flutter Festival Series

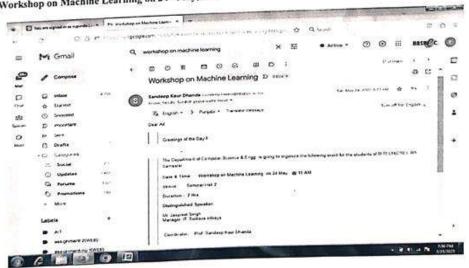


Workshop on GATE exam preparation on 27th April,2022

"Career Awareness session for Gate exam" was organized by the Department of Computer Science and Engineering, Baba Banda Singh Bahadur Engineering College, Fatchgarh Sahib. Prof. Ramanjot kaur and Prof. Amritapreet kaur were the coordinators of the event. Mr. Vikram was the distinguished speaker. Dr. Lakhvir Singh, Principal (BBSBEC, FGS) welcomed the speaker. Total 60 plus students participated in the session. Mr. Vikram enlightened the students about various aspects of gate exam. He also briefed about important topics of the GATE exam. Dr. Kanwalvir Singh Dhindsa (HOD, CSE) thanked the speaker and coordinating team.



8. Workshop on Machine Learning on 24th May,2022

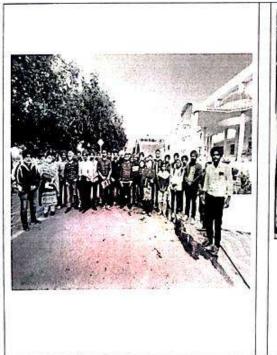


Head Department of Computer Science and Engineering Baba Banda Singh Bahadur Engineering College Fatchgarh Sahib (Punjab)

Civil Engineering Department Activities during session 2021-22

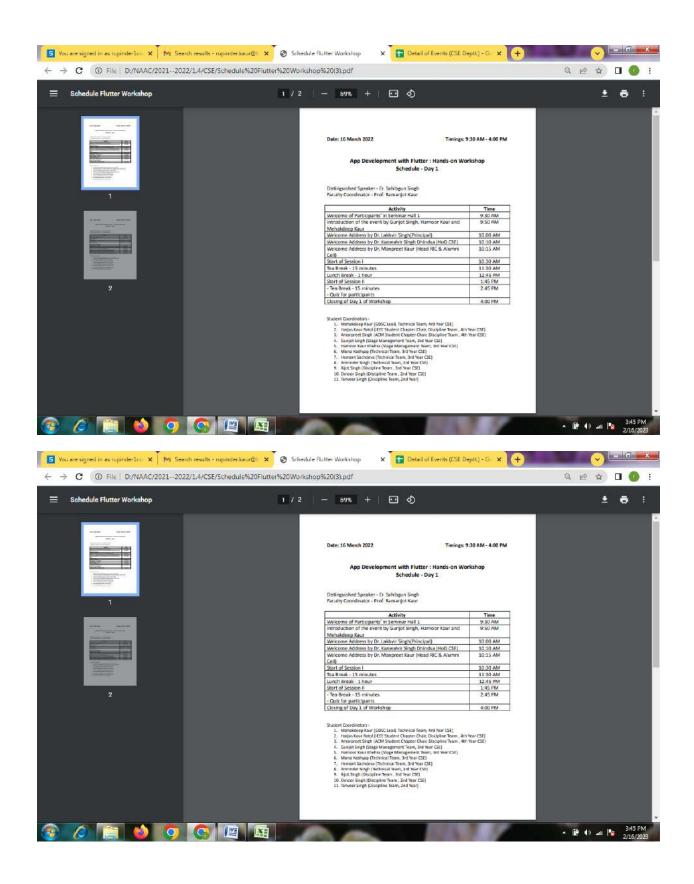
1. Hydraulic Structural Site Visit (Ropar Head Works)

To enhance student's skills and to provide industrial exposure, an educational visits is organised on October 25th, 2021 at Ropar Headwork's respectively for B.Tech civil engineering students of pre final and final year. A group of forty students along with two faculty members one helper visited Ropar Headwork's and had an interaction with the Xen "Gurpreetpal Singh" and JE "Parminder Singh" and technical department to understand the concept of diversion headwork's, canal regulations, design of weir and barrage, super passage, silt excluders, silt ejectors and working operation of gates. The motive of this site visit is to make civil engineering under graduates visualizes and understand the structural design of Irrigation structures. Briefing of educational site visit is given by the Head of Department "Prof. Guljit Singh".





Civil Engineering Department B.B.S.B. Engineering College Fatehgarh Sahib













2. 3-day FDP on 'Civil Engineering Software was organized from 21st to 23rd December 2021

A three-day Faculty Development Programme on 'Civil Engineering Software was organized by the Department of Civil Engineering, Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib, from 21st to 23rd December 2021. The FDP was conducted in coordination with Innovative Systel channel partner Bentley. Faculty members and non-teaching faculty members of the Civil Engineering Department participated in this online Faculty Development Programme.

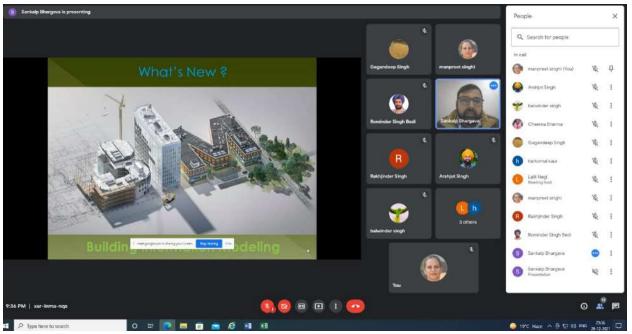
The objective of this Faculty Development Programme is to upskill and enriches the Knowledge of the Faculty/Non-teaching staff of the civil engineering department about the latest enhancement in drafting, analyzing, and designing software in the field of Civil Engineering. Which further helps in improving the teaching-learning process and will benefit the students and society at large.

The FDP was started with a welcoming address by Prof. Guljit Singh, Head of Department, "Department of Civil Engineering". Thereafter Prof. Manpreet Kaur, "departmental FDP coordinator" shared the objective of the FDP with faculty members and technical staff. A brief introduction about the schedule and sessions for the FDP on BIM & Auto Cad, STAAD Pro, and Highway Designing through Open Roads software applications was given by Mr. Rominder Singh Bedi (Business Manager, Innovative Systems channel partner Bentley). Participants got exposure to the latest trends and techniques in the Civil Engineering field through civil engineering Software. At last Prof. Guljit Singh (Head, Department of Civil Engineering) on behalf of the entire Civil engineering department, Baba Banda Singh Bahadur Engineering College thanked all the session experts, participants and a special thanks to Prof. Manpreet Kaur for effectively coordinating the FDP. Details are as follows:

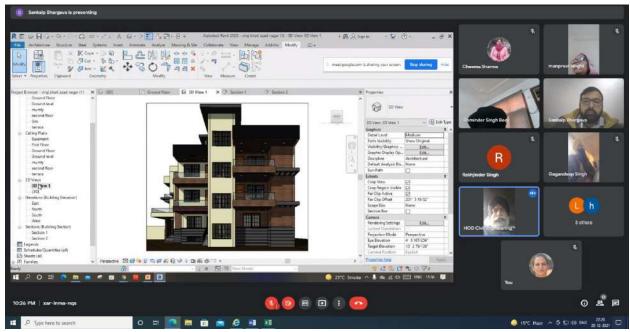
Date	Sessions	Software Used	Session Expert	Expert Talks
21 st December 2021	Day 1 (Morning & Evening)	BIM & Auto Cad	Ar. Sankalp Bhargava	On workflow implementation of BIM in AEC industry and drafting using Autocad.
22 nd December 2021	Day 2 (Morning & Evening)	STAAD Pro	Er.Amit Kumar	Explanation about analysis and design for different types of structures. Conceptual studies, Design calculations and Checking of construction drawings were detailed.
23 rd December 2021	Day 3 (Morning & Evening)	Open Roads	Er.Lalit Negi	Explained about highway designing software "Open Roads -Designer Connect edition". He is also technical support person for Bentley's software



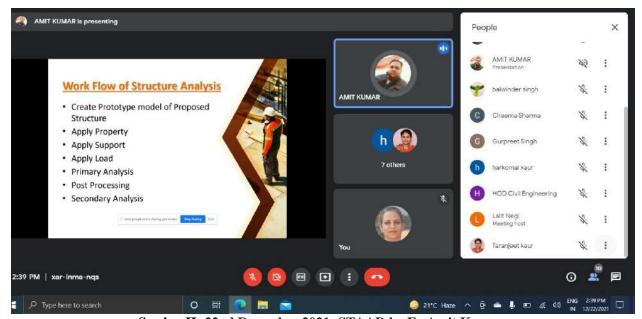
FDP-Day -1,21th December 2021, inauguration of the progamme by - Mr. Rominder Singh Bedi (Business Manager, Innovative Systems)



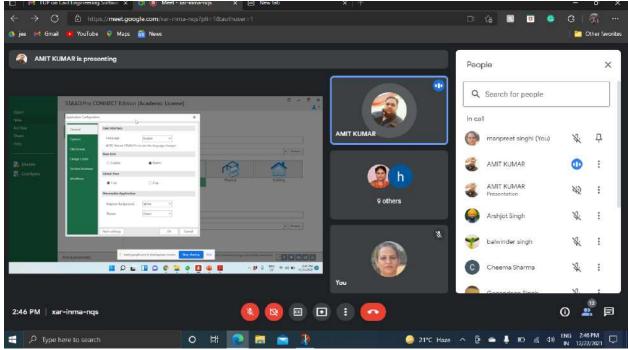
 $Session\ I-21 st\ December\ 2021-\ workflow\ implementation\ of\ BIM\ in\ AEC\ industry\ and\ Autocad\ by\ Ar. Sankalp\ Bhargava$



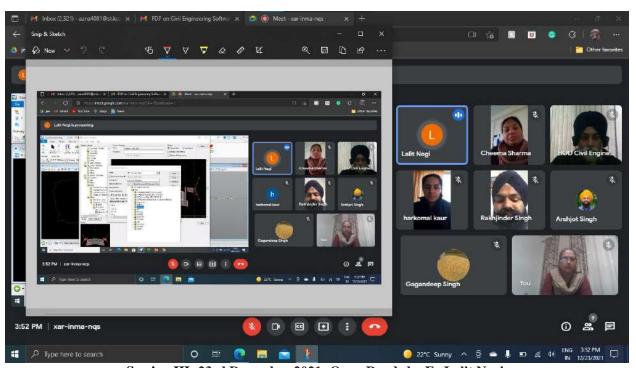
Session I – 21st December 2021- workflow implementation of BIM in AEC industry and Autocad by Ar. Sankalp Bhargava



Session II -22nd December 2021- STAAD by Er.Amit Kumar



Session II -22nd December 2021- STAAD by Er.Amit Kumar



Session III- 23rd December 2021- Open Roads by Er.Lalit Negi



Session III- 23rd December 2021- Open Roads by Er.Lalit Negi





Head Civil Engineering Department B.B.S.B. Engineering College Fatehgarh Sahib

Electronics & Communication Engineering Department Activities during Session 2021-22 B.Tech. (ECE), M.Tech. (ECE)and B.Voc. (E & IT)

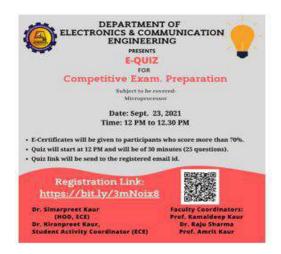
Sr. No	Feedback	Committee/Club	Action Plan
1	To enhance the communication skills of students.	Committee for PDP and group discussion	PDP and group discussion committee is formed which will take PDP classes
2	For competitive exam preparations.	Techno Club	Organised an E-Quiz on "Microprocessor" on 23 rd September,2021
3	For competitive exam preparations.	Techno Club	Organised an E-Quiz on "Programming in C/C++" on 16 th November 2021
4	Awareness of Industrial environment.	ECE department and Institution's Innovation Council	Organised an Industrial Visit at "Conneqt Business Solutions Ltd,Mohalii On 2 nd December,2021
5	To enhance the exposure to recent advancements.	IEI student Chapter	Organised an E-Quiz on "Internet of things" on 20th December,2021
6	Awareness of graphic designing tools.	Techno Club	Organised an Online Workshop on "Canva:Graphic Designing Tool" On 3 rd Febraury,2022
7	To impart IT field knowledge and skills.	Techno Club	Organised an Online Workshop on "HTML-Basics" On 17 th February,2022
8	Awareness of modern technologies	Techno Club	Organised an Online PPT Presentation Competition on "Data Science" On 17 th February,2022
9	To enhance the exposure to recent advancements	Techno Club	Organised an Online Workshop on "Artificial Intelligence" On 24 th February,2022
10	To give hands on experience on modern tools	Techno Club	Organised an Online Workshop on "APP LAB" On 1st March,2022

1. To enhance the communication skills of students. (PDP and Group Discussion Committee)



2.For competitive exam preparations.

(E-Quiz on "Microprocessor" 23rd September,2021)





3.For competitive exam preparations.

(E-Quiz on "Programming in C/C++" 16th November,2021)





4. Awareness of Industrial environment.

(Industrial visit at "Connegt Business Solutions Ltd, Mohali On 2nd Dec,2021)

On 02 Dec. 2021, 33 students of B.Tech. (ECE) and B.Voc. (E&IT) visited Conneqt BusinessSolutions Limited (formerly Tata Business Support Services Ltd), Mohali. Established in 2004, Conneqt Business Solutions Ltd. (formerly Tata Business Support Services Ltd) headquartered in Hyderabad, is a subsidiary of Quess Corp, India's leading business services provider. Dr. Kiranpreet Kaur, Prof. Amrit Kaur, Er. Sushil Kumar and S. Harbhajan Singh accompanied the students. The students attained practical exposure and knowledge. It helped BBSBEC family in maintaining strong industrial and corporate relationship. The students were groomed by Mr.Gurdev Singh, Ms. Shaili Jain, Mr. Sikandar Verma and Mr. Avtar Singh. The motive of this visit was to provide best of technological grooming and inculcate soft skills, so that students can improve

their employability skills. Seven final year students also gave walk-in-interview on thesame day for Customer Care Executive position at the place. Students were satisfied andmotivated to work in industrial environments.



Pictures Taken during the Industrial Visits:



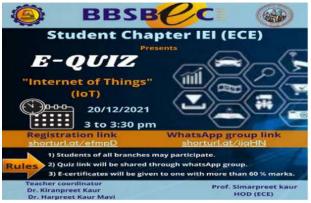




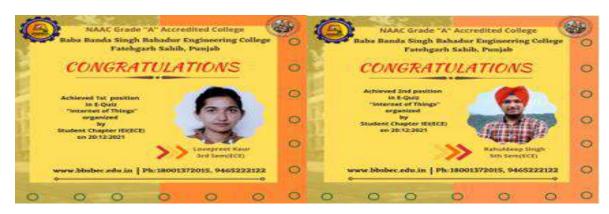
5.To enhance the exposure to recent advancements.

(E-Quiz on "Internet of things" on 20th December, 2021)

Online quiz on "Internet of Things" has been organized to aware students about recent evolving technology. 40 Students from various branches participated in it. Majority of them have performed well in the quiz. E-certificates were given to the participants scoring more than 60% marks. The quiz helped them explore themselves on the recent advancements apart from their syllabus. Moreover, it inculcates the habit of continuous learning and updating them time to time.



Winners of The E-Quiz:

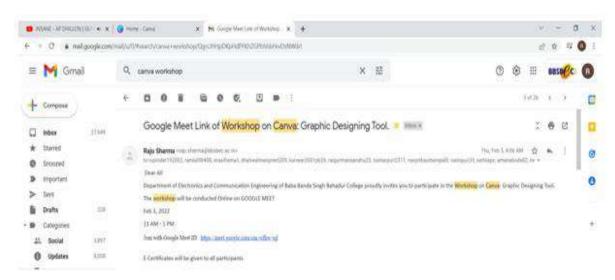


6.Awareness of graphic designing tools.

(Online Workshop on "Canva:Graphic Designing Tool)

An Online Workshop on "Canva:Graphic Designing Tool" was organized by Electronics and Communication engineering of Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib on 3rd Feb, 2022. There were around 40 participants who registered the Workshop and the Workshop was in Online Mode . Nearly 40 of participants actively participated in the Workshop and all participants were awarded with "Certificate of Participation". The Principal Dr.Lakhvir Singh congratulated all the participants. Prof.Simarpreet Kaur (Head, ECE Department) appreciated Dr. Raju Sharma (co-ordinator).



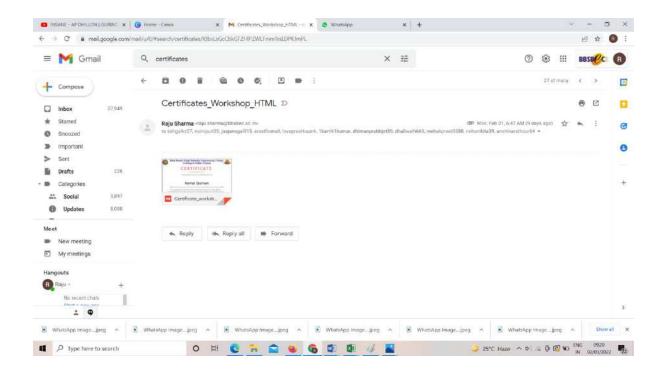


7. To impart IT field knowledge and skills.

(Online Workshop on "HTML-Basics)

An Online Workshop on "HTML-Basics" was organized by Electronics and Communication engineering of Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib on 17th Feb, 2022. There were around 40 participants who registered the Workshop and the Workshop was in Online Mode . Nearly 40 of participants actively participated in the Workshop and all participants were awarded with "Certificate of Participation". The Principal Dr.Lakhvir Singh congratulated all the participants. Prof.Simarpreet Kaur (Head, ECE Department) appreciated Dr. Raju Sharma (coordinator).





8. Awareness of modern technologies.

(PPT Presentation Competition)

An Online PPT Presentation Competition on "Data Science" was organized by Electronics and Communication engineering of Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib on 17th Feb, 2022. There were around 20 participants who registered the Competition and the Competition was in Online Mode . Nearly 10 of participants actively participated in the Workshop and all participants were awarded with "Certificate of Participation". The Principal Dr.Lakhvir Singh congratulated all the participants. Prof.Simarpreet Kaur (Head, ECE Department) appreciated Dr. Raju Sharma (co-ordinator).



BABA BANDA SINGH BAHADUR ENGINEERING COLLEGE FATEHGARH SAHIB



PPT Presentation Competition On

DATA SCIENCE

Organised By: ECE Department

[Feb 17, 2022]

[10 AM - 12 PM]

- The registration is free
- Students of all branches may participate
- E-certificates will be provided to every participant
- Presentation competition will be held in online mode
- Presentations should be limited to 3 minutes maximum



Registration Link: http://surl.li/bgfbd

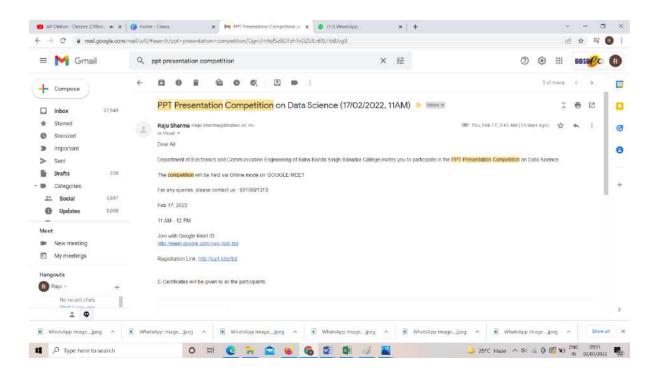


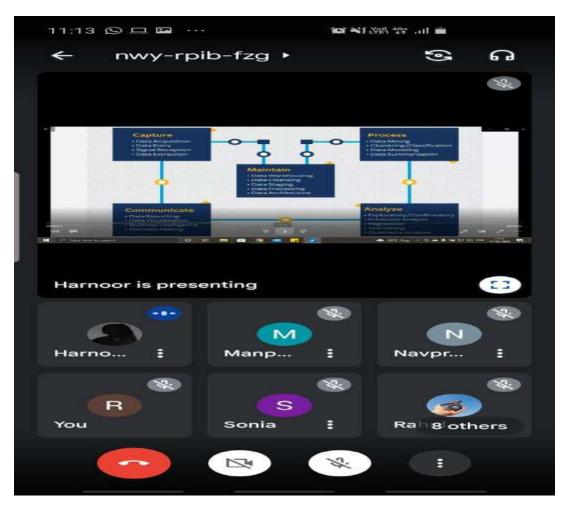
Faculty Coordinators:

Prof. Simarpreet kaur (HOD ECE) Dr.Raju Sharma

Student Coordinators:

Manpreet Kaur, Navjot Kaur (9818691313)





9. To enhance the exposure to recent advancements.

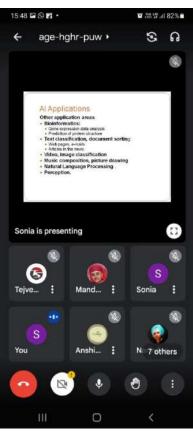
(Online Workshop on "Artificial Intelligence")

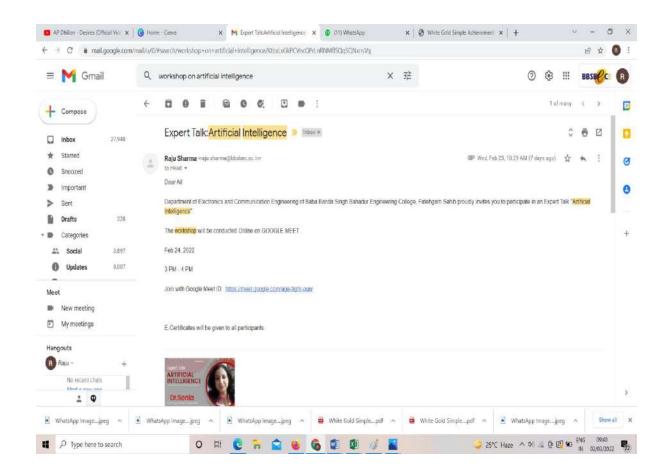
The Department of Electronics & Communication Engineering and Institute Innovation Cell, BBSBEC organized the expert talk on "Artificial Intelligence" on Feb 24, 2022. The seminar focused on the study and design of intelligent systems that perceives its environment and takes actions *like human beings*. Dr. Sonia, Assistant Professor at Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib was the eminent speaker.

The talk was started with the introduction to the speaker given by Prof. Simarpreet Kaur, HOD (ECE). The speaker discussed the booming technologies of science and engineering in context with Artificial Intelligence (AI) which is ready to create a new revolution in the world by making intelligent machines. The AI is currently working with a variety of subfields, ranging from general to specific, such as self-driving cars, playing chess, proving theorems, playing music, Painting, etc. She also discussed about the scope of research in this field as well as the grooming applications in the field of astronomy, healthcare, transport, gaming, data security, social media, robotics, entertainment, agriculture, education and many more. Almost 40 students along with faculty of the institute attended the seminar. Dr. Raju Sharma, Seminar Coordinator and member of IIC, BBSBEC

winded up the program with a special vote of thanks to the speaker.





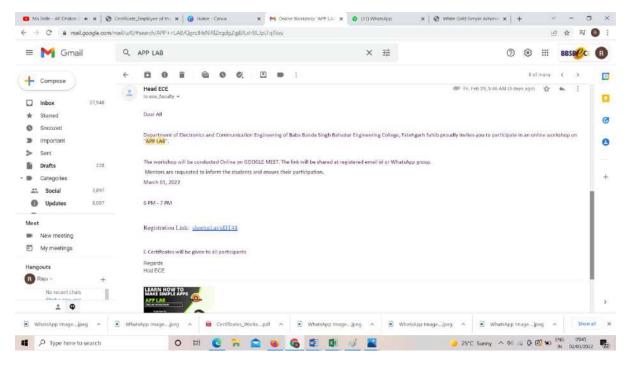


Schedule of Webinar

Timings	Schedule	
3:00pm – 3:05pm	Introduction to the Speaker by Prof. Simarpreet Kaur, HOD (ECE)	
3:05pm – 04:50pm	Introduction, Design and Applications of Artificial Intelligent Systems	
	by Dr. Sonia, Member IIC BBSBEC.	
04:50pm – 05:00pm	Handling queries of the participants and filling the feedback forms	
05:00pm – 05:10pm	Vote of Thanks by Dr. Raju Sharma, Member IIC BBSBEC	

10. To give hands On experience on modern tools.





List of participants

Email Address	Participant Name	College/School Name
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parshantkumar7464@gmail.com	Parshantkumar	BBSBEC



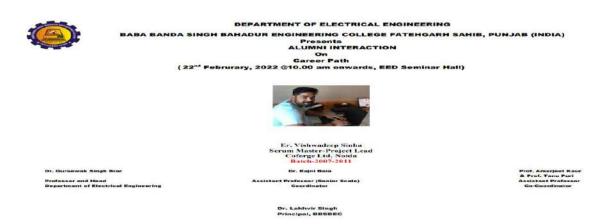
Electrical Engineering Department Activities during Session 2021-22 B.Tech. (EE), M.Tech. (PS) and B.Voc. (SST)

Sr. No	Feedback	Action Plan	
1	To learn the students practically through interaction, working methods and employment practices.	Industrial visit of students at Nakkian Hydel Project Anandpur Sahib on 31.05.2022.	
2	To motivate the students towards their career.	Alumni Interaction on "CareerPath on 22.02.2022	
3	To enhance knowledge of recent trends.	Expert talk on Intermittence of renewable energy sources by Dr. Kanwardeep Singh ,Professor & Hear EE,GMDEC Ludhiana on 31.01.2022	
4	To gain knowledge about recent trends and career aspects in Industrial Automation.	Expert talk on Automation by Mr. Lalitesh Kumar Singh,Brach Head,Sofcon India Pvt. Ltd on 8.12.2021	
5	To enhance the communication and technical skills of students.	Ambush Cup-3 days event from 29.11.2021- 1.12.2021	

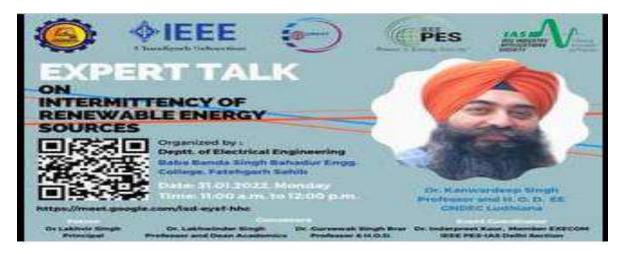
1. To learn the students practically through interaction, working methods and employment practices.



HOA Et Head B.S.S.L. Ergg. College Fatehgarh Sahib 2. To motivate the students towards their career.



3. To enhance knowledge of recent trends.



4. To gain knowledge about recent trends and career aspects in Industrial Automation.



5. To enhance the communication and technical skills of students.

Baba Banda Singh Bahadur Engineering College AMBUSH CUP 2021 (29 Nov - 1 Dec, 2021) Organised by : Electro Infinity Club (Department of Electrical Engineering)

	Committees for the conduc	et of the Events	
Committee Name	Faculty/Staff	Events/Duties to be coordinated	
Overall Coordination Committee	Dr. Gursewak Singh Brar Dr. Rajni Bala Prof. Manpreet Singh	Overall	
Technical Games Committee	Prof. Navdeep Kaur Brar Prof. Mandeep Kaur Pandher	Group Discussion, Quiz, Poster Making	
Registeration Committee	Prof. Manpreet Singh Er. Kuljeet Singh	To coordinate the registration of participants event wise.	
Finance & Sponsorships Committee	Prof. Manpreet Singh Prof. Simarpreet Singh S. Charanjeet Singh	To manage the finances to conduct the events.	
Decoration & Fun Games Committee	Prof. Navneet Kaur Panag Prof. Tanu Puri	Rangoli, BGMI, Chess, Carrom, Push- ups, Arm Wrestling.	
Cultrual Committee (Auditorium Events) & Stage and Seminar Hall Management Committee(Inaugural and Prize Distribution)	Dr. Rajni Bala Prof. Amarjeet Kaur Prof. Divya Gupta	Singing, Dancing, Poetry, Antakshri, Movie guess, Mobile Photography.	
Pu blicity and News	Prof. Tejpal Singh Cheema S. Rachpal Singh	To take snaps and publish news of events.	
Sports Event Committee & Discipline Committee(for auditorium events)	Prof. Tejpal Singh Cheema Prof. Simarpreet Singh S. Charanjit Singh S. Lakhpreet Singh S. Kuljeet Singh	Tug of War, 200m Race, 3 Leg Race, Badminton, Volleyball, Cricket. To maintain discipline in ground during conduct of sports events. To maintain the discipline in auditorium during the conduct of events on last day.	
Refreshment Committee	Prof. Manpreet Singh S. Jagnandan Singh S. Rajinder Singh	To arrange refreshment for staff and students.	

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Mechanical Engineering Department Activities during Session 2021-22 B.Tech. (ME)and B.Voc. (AUTO. SERV.)

Details of activities organized by Mechanical Engg. deptt.

S.No	Feedback	Committee/Club	Action Taken
1	To aware the students about the advancements in the field of ME	ME Deptt.	Lab engagement program for 7th Semester Students
2	To give the industrial exposure to the students	ME Deptt.	Industrial field visit to SML ISUZU Ltd. Ropar on 3 rd Dec. 2021.
3	To give the knowledge of Aircraft to the students	Aeromodelling club of ME Deptt.	Workshop titled "Remote Controlled AIRCRAFT DESIGN" on 9th Dec. 2021.
4	Awareness of ME in Manufacturing Sector	ME Deptt. in collaboration with The Institution of Engineers (IE, India)	Webinar on "3-D PRINTING AND ITS APPLICATIONS" on 2 nd March 2022.

1. Lab engagement program for 7th Semester Students

To make the final year students apprise of various experiments of Fluid Machinery Lab and also to compensate for the loss of studies during Covid-19 lockdown, the Mechanical Engineering Department of BBSBEC, Fatehgarh Sahib has organized the demonstration of experiments of Fluid Machinery laboratory on 1st October, 2021from 1:00 PM to 4:30 PM for the outgoing 7th Semester Students to cover up the COVID GAP.A total of 25 students of 7th Semester have shown interest in this initiative.

 The following Laboratory engagement program has been scheduled in the MED on30thSeptember from 1300 to 1630hrs for the outgoing 7th Semester Students to cover up the COVID GAP.

Laboratory: Fluid Mechanics Lab by Dr Harmesh Kumar

Fluid Machinary Lab by Dr Nitin Singla

A total of 25 students of 7th Semester have shown interest in this initiative. More such lab exposure initiatives/Mock interviews are in the pipeline to cover the covid gap and will be updated. In continuation to our earlier efforts in covering the COVID GAP, the following Laboratory engagement program has been scheduled in the MED on 26th Oct from 2PM to

Assoc. Professor & Head

Assoc. Professor & Head

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B.B.S.B. Engineering College

B.B.S.B. Engineering

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• 4PM for the outgoing 7th Semester.

Laboratory Mechanical Measurement & Metrology Labby Dr.Palwinder Singh & Dr.Gurpreet Singh More such lab exposure initiatives/Mock interviews are in the pipeline to cover the Covid gap and will be updated.

- In continuation to our earlier efforts in covering the COVID GAP, the following Laboratory engagement program has been scheduled in the MED on 23rd November 2021 from 2:30 to 4:30 PM for the outgoing7thSemester.
- Laboratory: AUTOMOBILE ENGINEERING
- Faculty Incharge : Prof Peeyush Gaba
- **Lab Technician**: S Inderpal Singh(LT)
- The students of 7th Semester had gone through the various labs followed by mock interviews and CV building exercises. In continuation to our earlier efforts in covering the COVID GAP, the following Laboratory engagement program has been scheduled intheMEDon7thDecember2021from2:30to 4:30 PMfor theoutgoing7thSemester.
- Laboratory: Refrigeration and Air-conditioning
- Faculty In-charge: Dr Harmesh Kumar & Dr Amardeep Singh
- Lab Attendant: S Sukhwant Singh

2. Industrial Visit by the Mechanical Engineering students of Baba Banda Singh Bahadur Engineering college Fatehgarh Sahib.

The Mechanical Engineering students of Baba Banda Singh Bahadur Engineering college Fatehgarh Sahib, were taken for an industrial visit to SML ISUZU (Swaraj Mazda) Limited Ropar on 3.12.21 for briefing them the about the practical functioning of the company and the materials used therein. The visit was arranged by the Department of Mechanical Engineering, BBSBEC in association with the Institution Innovation Council (IIC) to make the students aware about the various mechanical processes going on in SML ISUZU. The students saw various controls of automatic operationsinplantandlearntabouttheimportantprocessesinmanufacturing/assembly of various commercial vehicles and materials used over there. The students were accompanied by Prof.Arishu Kaushik, .Ashish Kumarand Mr.Sukhwant Singh. Head of mechanical Department Dr. Bhupinder Singh Bhullar said that the students have gained practical knowledge latest technology manufacturingindustrythroughthisvisit. Hemotivated the students to implement the concepts learntd uringvisit in their final semester project work. On this occasion college Principal Dr. Lakhvir Singh congratulated the department for organizing such visits to enhance industry academia interaction. He advised and motivated the other departments to organize such visits, so that students can learn the practical aspects along with the theories and learn beyond books.





3. Hands on Workshop on Remote Controlled Aircraft Design

Aero modelling club of Department of Mechanical Engg. Organized workshop titled "Remote Controlled AIRCRAFT DESIGN "on 9thDec. 2021. Introductory workshop/seminar on 'Remote Controlled Aircraft Design' was organized by the Aero modelling club of Baba Banda Singh

Bahadur Engineering College, Fatehgarh Sahib on ^{5h}December 2021. In this workshop, Mr. Ranjeet Suri and Mr. Simranjeet Singh, students of final year, Mechanical Engineering Department, apprised the participants (students of pre final year) about the theory of flight and aerodynamics principles. The open models of aircraft real so demonstrated to explain various component so fan aircraft. The work shop facilitated the participants to understand the controls and stability in aircraft systems in a very simple manner .Dr. B S Bhullar, Head of Department, congratulated the Aero modelling club team in the presence of faculty convener Prof. Rajeev Sukheeja and Prof. Gagandeep Singh theirachievementsandencouragedthemtokeepupwiththegoodwork.DrLakhvirSingh, worthy shared his views regarding the importance of such events for the academic growth and appreciated the zeal of theorganizers.







4. A webinar organized on "THREE D PRINTING AND ITS APPLICATIONS" by Baba Banda Singh Bahadur Engineering College.

Institution's innovation council Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib, and The Institution of Engineers (India) Jointly organized a webinar on "THREE-D PRINTING and its applications". The webinar was coordinated by Institution's innovation council coordinators Dr Amandeep Singh and Dr Harmesh Kumar. Dr. Lakhvir Singh, Principal, BBSBEC welcomed the Guest speaker of the

day, Dr. Niraj Bala, Professor and Head, Entrepreneurship Development and Industrial Coordination, NITTTR, Chandigarh, and all the participants. Er. Sukhvir Singh Mundi, Chairman, IE(I) Punjab & Chandigarh State Centre introduced the distinguished speaker to the participants and gave a brief description of her research achievements. In her technical talk, Dr Niraj Bala highlighted all the important key points of THREE-D PRINTING. Various research facilities and applications of three-D printing were discussed in detail. Dr Baljit Singh Khehra, Hon. Secretary, IE(I) Punjab and Chandigarh State Centre, delivered the vote of Thanks. Dr. T. S Kamal, Dr. Bhupinder Singh, Professor & HoD, Mechanical Engineering Department, and Dr. Manpreet Kaur president of the Institution's innovation council, appreciated the efforts of faculty coordinators in organizing the webinar.

ਸਿੰਘ ਬਹਾਵਰ ਇੰਕਨੀਅਰਿਗ ਕਾਲਬ , ਵੀ ਕਰਗਗ੍ गातिम भाग विभागीकि होगार भगवा विभागी वास region with the family at history and लिस क्षेत्रक को इंग्रेस्टिंग के क्षेत्रक के के के के किया के रण क्लानेस्टर जीवाः वैष्ठीरात रण मेसासट विवयः ऐ फिलेब्रोस्ट वीवल ऐ विभववादित्य ਭਾ ਅਮਨਦੀਪ ਸਿੰਘ ਅਤੇ ਭਾ ਹਰਮਸ ਹਮਾਰ ਨੇ ਰੀਜਾ ਜਾ ਲਖਵੀਰ ਜਿੰਘ, ਮਿਸੀਪਲ, ਸਾਸਾ ਜਿਵਾ ਸਿੰਘ ਬਹਾਦਰ ਇੰਜਨੀਅਰਿੰਗ ਕਾਲਜ ਨੰਮਰਿਮਾਨ ਸ਼ੁਕਾਰੇ, ਡਾ ਨੀਰਜ ਸ਼ਾਲਾ, ਪ੍ਰੋਫੈਸਰ ਅਤੇ ਮੁਖੀ, ਈ ਕੀ ਆਈ ਸੀ ਵਿਕਾਗ ਇੱਜੀ ਸੁਖਵੀਰ ਸਿੰਘ ਮੰਡੀ, ਚੰਅਰਮੇਨ, ਆਈ ਈ । ਆਈ । ਪੰਜਾਬ ਅਤੇ ਚੰਡੀਗੜ੍ਹ ਸਟੇਟ ਸੈਟਰ ਨੂੰ ਵਿਸ਼ੇਸ਼ ਸੁਲਾਰੇ ਦੀ ਜਣ ਪਛਾਣ ਕੀਤੀ ਅਤੇ ਉਨ੍ਹਾਂ ਦੀਆਂ ਖੋਜ ਪ੍ਰਾਪਤੀਆਂ ਦਾ ਸਮੇਪ ਵੇਰਵਾ ਦਿੱਤਾ।

ਆਪਣ ਕਰਨੀਕੀ ਭਾਸ਼ਣ ਚਿ.ਡਾ ਨੀਰਜ ਬਾਲਾ ਨ ਸੀ ਕੀ ਪਿੱਟਿੰਗ ਦ ਸਾਰੇ ਮਹੱਤਵਪੂਰਨ ਨੁਕਤਿਆਂ ਨੂੰ ਉਜਾਰਕ ਕੀਤਾ। ਥ੍ਰੀ-ਫ਼ੀ ਪ੍ਰਿੰਟਿਗ ਦੀਆਂ ਵੱਖ-ਵੱਖਬੇਜ ਸਹੂਲਤਾਂ ਅਤੇ ਐਪਲੀਕੌਸਨਾਂ ਬਾਰ ਵਿਸਥਾਰ 'ਚ ਚੰਹਚਾ ਕੀਤੀ ਗਈ। ਡਾ ਬਲਜੀਤ ਸਿੰਘ ਖਹਿਰਾ, ਸਕੱਤਰ, ਆਈ ਈ ਆਈ। ਪੰਜਾਬ ਅਤੇ ਚੰਡੀਗੜ੍ਹ ਸਟੇਟ ਸੈਟਰ, ਨੇ ਧੰਨਵਾਦ ਦਾ ਮਤਾ ਪੇਸ਼ ਕੀਤਾ। ਡਾ. ਟੀ. ਐੱਸ ਕਮਲ ,ਡਾ ਜ਼ਪਿੰਦਰ ਸਿੰਘ ,ਮੁਖੀ ,ਮਕੈਨੀਕਲ ਇਜੀਨੀਅਰਿੰਗ ਵਿਭਾਗ, ਅਤੇ ਸੰਸਥਾ ਦੀ ਇਨਵਸ਼ਨ ਕੌਸਲ ਦੇ ਪ੍ਰਧਾਨ ਡਾ. ਮਨਪ੍ਰੀਤ ਕੌਰ ਨੇ ਵੇਬੀਨਾਰ ਦੇ ਆਯੋਜਨ 'ਚ ਫੈਕਲਟੀ ਕੋਆਰ ਡੀਨੇਟਰਾਂ ਬਾਬਾ ਬੰਦਾ ਸਿੰਘ ਬਹਾਦਰ ਇਜੀਨੀਅਰਿੰਗ ਕਾਲਜ ਫਤਿਹਗੜ੍ਹ ਦ ਯਤਨਾਂ ਦੀ ਸਲਾਘਾ ਕੀਤੀ।



ਸਾਹਿਬ ਵਿਖੇ ਆਯੋਜਿਤ ਵੇਬੀਨਾਰ ਦਾ ਦਿਸ । ਸਾਵਤ

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Department Of Management Studies during Session 2021-22 of MBA and BBA

Sr .No	Feedback	Committee/club	Action Taken	
1	To enhance the research skills of students.		Seminar on Research and Innovation on 21 Feb 2022	
2	To handle stress in corporate sector.	Time 2 Shine	Seminar on Interpersonal Conflict Management on 24th March 2022	

1.Seminar on "Research and Innovation "on February 21, 2022

The Department of Management Studies organized the seminar on "Research and Innovation "on February 21, 2022 at Baba Banda Singh Bahadur Engineering College, FGS. Dr. Manpreet Kaur (HOD RIC and President -BBSBEC IIC) was the eminent Speaker for the Seminar. The objective behind organizing this lecture was to enlighten the students about the theoretical and practical aspects of research.

Dr. Manpreet Kaur extends immense respect to the idea of research and explained how good research facilitates the development of society. She also emphasized on the fact that good research should be socially relevant and of contemporary in nature. She highlighted the duties of a critical scholar and how the same would affect the quality of research. And she also explained all the aspects with the help of illustrations and examples that provided a clearer understanding to the students regarding research and innovation .The lecture also touched upon another view with respect to the qualifications or traits to be present as a research scholar. Speaker mentioned that a research scholar must have the taste for the subject matter, patience, intellectual honesty. objectivity and should not suffer from chronic accuracy. The students were extremely overwhelmed by the lecture delivered by the speaker as it would be very effective for their career and future work on research.

Dr. Lakhvir Singh, Principal BBSBEC shared his view about the seminar and encouraged the students for research work. At the end vote of thanks was given by Dr. Jasleen kaur(HOD MBA Deptt) and also applauded Faculty Coodinator of Time 2 Shine Club Prof. Prabhjot kaur and Prof. Manjit Kaur for arranging the Seminar.

> Head, Deptt. of Management Studies B.B.S.B. Engineering College

Fatchgarh Sahib



2. Seminar on "Interpersonal Conflict Management" on March 24th, 2022

The Department of Management Studies organized the seminar on "Interpersonal Conflict Management" on March 24th, 2022 at Baba Banda Singh Bahadur Engineering College, FGS. The eminent speaker Dr. Ran Singh Dhaliwal was from Punjabi University Patiala. The objective behind organizing this lecture was to make students understand how to resolve interpersonal conflicts in every sphere of life.

Dr.Ran Singh said the conflict can be a positive creative force, when it increases communication, releases stored feelings which results in the growth of the relationship between parties in conflict and improves performance. He told there are various ways to resolve conflicts like bargaining, negotiating, mediating and communication facilitation considering the existing scenario of the organization. At the end speaker undoubtedly explained that there is a need to resolve conflicts as far as possible for the improvement of the organization.

Dr .Lakhvir Singh, Principal BBSBEC shared his views regarding seminar and guided the students to learn good interpersonal skills to improve the relationship. At the end vote of thanks was given by Dr. Jasleen Kaur (HOD, MBA Deptt) to the eminent speaker for delivering such an informative seminar .She encouraged Time 2 Shine Club Student Coordinators Shamsher Singh and Rohit Raj Sinha and applauded Faculty Coordinators Prof. Prabhjot kaur and Prof. Manjit Kaur for their sincere efforts .



BABA BANDA SINGH BAHADUR ENGINEERING COLLEGE, FATEHGARIESAHID





Faculty Coordinators: Prof. Prabhjot Kaur Prof. Manjit Kaur

Student Coordinators: Shamsher Singh (8264509491) Rohlt Raj Sinha (9777870850)

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Agricultural Engineering Department Activities during Session 2021-22 B.Tech. (AE)

Sr. No	Feedback	Committee/Club	Action Plan
Ï	Awareness of Industrial environment.	Al: department and 1&P Cell	Organised an industrial visit at "Verka Dairy Plant" Patiala on 25 March 2022

1. Trip to Verka Dairy Plant

Department of Agriculture Engineering in coordination with Training & Placement Cell, Baha Banda Singh Bahadur Engineering College, Fatehgarh Sahib organized an industrial visit for Agriculture Engineering students of Batch 2019, 2020 and 2021 at Verka Milk Plant, Patiala on March 25, 2022. The aim of organizing this industrial visit was to give the students exposer of modern-day automation in milk industries. In the plant, students learnt raw milk testing, which comes from villages in the insulated milk tankers, milk pasteurization and sterilization, milk automatic packaging, curd preparation and packaging processes. The students were satisfied with the visit, gained valuable knowledge &learning out of it and really enjoyed the trip.





https://bbsbec.edu.in/industrial-visits/

Dean Academics B.B.S.B. Engg. College

Fatehgarh Sahib (Pb)