

## **Soft Skills Activities**

BBSBEC is always dedicated to organize the soft skills activities for the overall development of the students. The documentary proofs related to the activities conducted during the period **July 2022 to June 2023** are given in this file.

<b>Name of the capability enhancement program</b>	<b>Date of implementation (DD-MM-YYYY)</b>	<b>Number of students enrolled</b>	<b>Name of the agencies/consultants involved</b>
Expert Talk on “Ways to Improve Mental Health”	28 – 03 - 2023	38	Dr. R S Uppal, Professor BBSBEC, Fatehgarh Sahib
Software Winter Workshop	21 – 11- 2022 to 23 -11- 2022	50	Civil Engg. Department BBSBEC, Fatehgarh Sahib
Online Webinar on “Relevance of the entrepreneurship in career growth”	29 – 08 – 2022	30	Mr. Barjinder Singh Johal Engineering Manager, CONGRUEX ASSIAN PACIFIC LLP
Workshop On Python	22 – 09 – 2022	36	Mr. MJS Dhillon Director of Infowiz
Aptitude Test-1	24 – 11 – 2022	60	Techno club ECE, BBSBEC FGS
Aptitude Test-2	01 – 12 – 2022	60	Techno club ECE, BBSBEC FGS
Two Days All India Seminar on "Emerging Trends in Engineering Design & Technology"	02 – 05 – 2023 to 03 - 05 – 2023	26	Dr. Jagtar singh Sivia, Professor, Yadwindra college of Engg, Talwandi sabo Dr. Rajvir Kaur, Assistant Professor, Punajbi University, Patiala. Dr. Manpreet Kaur, Dean RIC, BBSBEC Fatehgarh sahib Dr. Tripatjot Singh Panag, Technical Project Manager, AltioStar, Bengaluru.

# **Expert Talk on “Ways to Improve Mental Health”**

Around 38 students and all the faculty members of the Civil Engineering Department attended the expert talk held on 28<sup>th</sup> March 2023 with full enthusiasm. Dr. R S Uppal was the distinguished speaker for the day. Mental health includes our emotional, psychological, and social well-being. It affects how we think, feel, and act as we cope with life. It also helps determine how we handle stress, relate to others, and make choices. Mental health is important at every stage of life, from childhood and adolescence through adulthood and aging. The speaker emphasizes why mental health is important and how we can improve our mental health. He also talked about various strategies that can be used to improve the mental health. Students gained tips how to improve mental health in this stressful life. At the end of the lecture Prof. Guljit Singh, “Head of the department”, thanks the speaker, faculty/staff members, and the participating students who participated in the expert talk.

Department of  
Electronics and Communication Engineering  
&  
Civil Engineering  
Presents

**Expert Talk on**  
**Ways to Improve Mental Health** ←

🕒 28 March, 2023  
📅 10.00 AM

DISTINGUISHED SPEAKER  
**DR. RAMINDER SINGH UPPAL**

 K-301  
**BBSB ENGINEERING COLLEGE, FATEHGARH SAHIB (PB)**

BASIC ENGINEERING COLLEGE | B.TECH. | M.TECH. | MBA | BBA | BCA | B.VOC. | www.bbsb.edu.in | Mob: 98700 33400



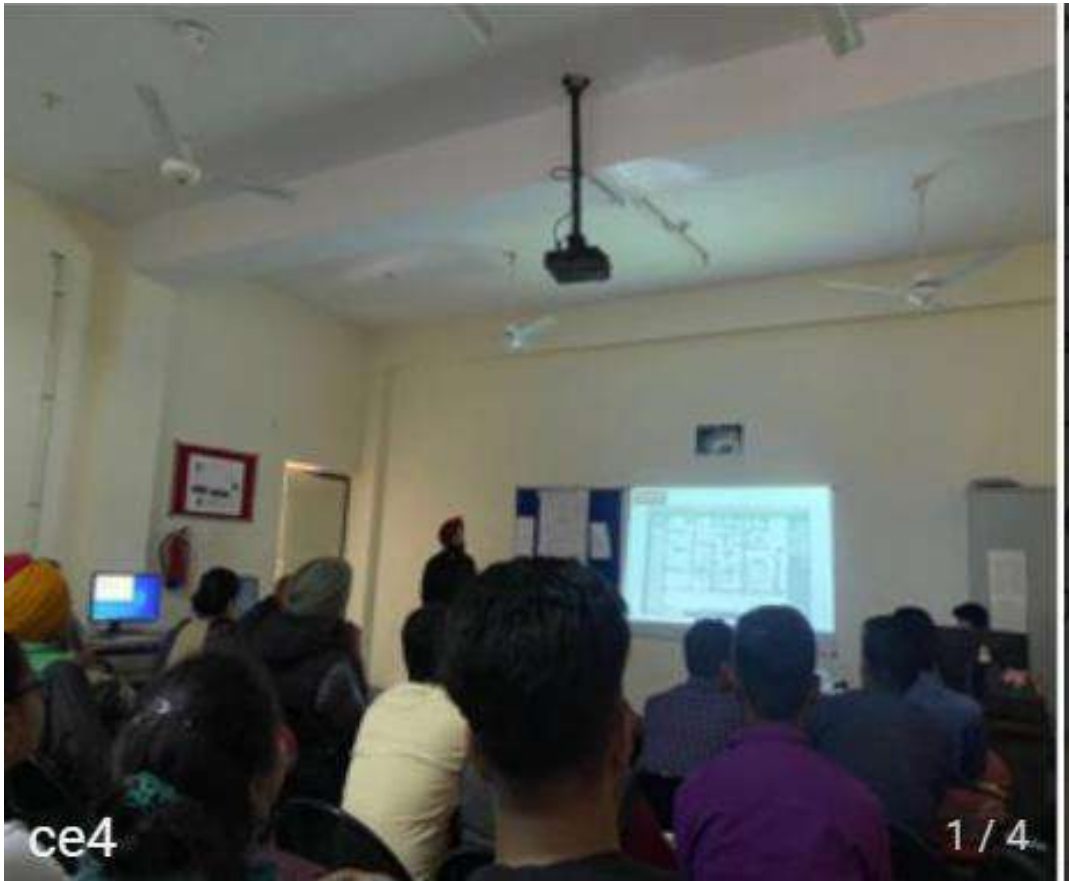



List of Participants of Expert Talk on "Ways to Improve Mental Health"

S/no	Name	Email ID	Branch	Uni Roll No	College Roll No
1	Jashandeep Singh	manderjashan1234@gmail.com	Civil	2100633	D209046
2	Kamalpreet singh	singh.kamal1718@gmail.com	Civil	2100634	D-209034
3	Mahima Angural	mahimaangural14@email.com	Civil	2100256	219039
4	Sukhpreet Singh	sukhpreet1263@gmail.com	Civil	2100642	D 209029
5	Rajesh Kumar	arunpanditp513@gmail.com	Civil	2001167	209019
6	Tania Devi	taniamehra643@gmail.com	Civil	2100276	219034
7	Harkirat Singh	kiratnaina65@gmail.com	Civil	2100250	219035
8	Ajeet yadav	hi5jeet4u@gmail.com	Civil	2001153	209014
9	Yasir all naz	Yasirnaz489@gmail.com	Civil	2001173	209024
10	Ayush kumar	ayushbhithi@gmail.com	Civil	2100241	219005
11	Chandan kumar	ck231494@gmail.com	Civil	2100243	219032
12	Vishvajeet Kumar	vishvajeet734092@gmail.com	Civil	2100643	D209040
13	Ekamjeet Singh	ekamjeet0053@gmail.com	Civil	2001157	209012
14	Munish kumar	manish80543@gmail.com	Civil	2100637	209043
15	Rahul kumar	rahulmschk@gmail.com	Civil	2100267	219016
16	Manish Kumar	mk95232450@gmail.com	Civil	2100257	219020
17	Ritik kumar	ritiksiwan95@gmail.com	Civil	2100269	219006
18	Bittu kumar	bbittusingh131@gmail.com	Civil	2100242	219027
19	Mukesh kumar	my7205203@gmail.com	Civil	2100259	219043
20	Vivek Kumar ram	kvivek57141@gmail.com	Civil	2100279	219019
21	VIVEK KUMAR PANKAJ	vivekpankaj29@gmail.com	Civil	2100278	219017
22	Balpreet singh	balpreet00525@gmail.com	Civil	2100629	D-209042
23	HUMAIRA BASHIR	bashirhumaira72@gmail.com	Civil	2200815	D219051
24	Pranay kumar	ayuspuskar2000@gmail.com	Civil	2100638	D209044
25	Pardeep Singh	pardeepsinghp965@gmail.com	Civil	2200816	D-219047
26	Arman deep singh	Armandeepnagpal6@gmail.com	Civil	2001155	209006
27	Ankit Pathak	ankitpathak2002@gmail.com	Civil	2100627	209035-D
28	Karanpreet Singh	karanhansofficial@gmail.com	Civil	2001161	209017
29	Japanjot Singh	japanjotsinghrehal@gmail.com	Civil	2001377	203030
30	Arshdeep singh	as3704447@gmail.com	Civil	2100628	D - 209030
31	sharanDeep Kaur	sharanbhangu840@gmail.com	Civil	2001170	209015
32	Vaibhav sharma	vaibhavsharmaa66@gmail.com	Civil	2001172	209022
33	Vikesh kumar	vikeshkumar20212121@gmil.com	Civil	2100277	219041
34	Abidha khanam	ruksarbatool123@gmail.com	Civil	2001152	209023
35	Sahl Dev	sahldev060@gmail.com	Civil	2001169	209018
36	Karanveer singh	kaarn.me@gmail.com	Civil	2100254	219015
37	Prity kumari	pritypaswan10@gmail.com	Civil	2100639	D-209045
38	Gurinder Singh	gurindergarry1999@gmail.com	Civil	2001158	209001

# Software Winter Workshop

Software Winter Workshop was organized by the Department of Civil Engineering at Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib. A three-day software winter workshop was organized by the Department of Civil Engineering and College Innovation Council (BBSBEC IIC) on 21/11/2022, 22/11/2022 & 23/11/2022 at Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib. Prof. Guljit Singh, “Head of the department”, welcomes the speakers of the North Western Innovators, “Mr. Tanveer Singh”, “Ms. Shalini”, and “Mr. Rishabh”, faculty/staff members, and the participating students who participated in the workshop. Mr. Tanveer Singh and his team shared the importance of drafting and designing software in the current era of time by sharing their skills and personal experience in this field. A three-day workshop included three extensive sessions. In the first two sessions, speakers introduced the participants to drafting and designing software and the last session is the software practice session. More than 50 “B-tech civil engineering students” participated in the workshop. The workshop Coordinator “Prof. Rakhjinder Singh” thanked the speaker, all the organizers, and the participants of the workshop. The honorable Principal “Dr. Lakhvir Singh” Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib, congratulates, appreciates, and compliments the Civil Engineering Department for effectively conducting an Innovative software workshop and also encourages the students for their active participation in these kinds of workshops in the future also.







ce2

3 / 4



ce1

4 / 4

List of Participants of software winter workshop

S/no	Name	Uni Roll No	College Roll No
1	Sumanpreet Singh	1900594	199001
2	Sukhbir Singh	1900593	199004
3	Arshdeep Singh	1900578	199005
4	Debashish Mallick	1900579	199006
5	Gursewak Singh	1900581	199008
6	Mandeep Singh	1900584	199010
7	Karnveer Singh	1900583	199011
8	Prabhjot Singh	1900588	199013
9	Adnan Ahmed	1900577	199016
10	Sukhmanjot Kaur	2001461	199023
11	Gursimranjeet Singh	2001455	199025
12	Onkar Singh	2001459	199026
13	Shaista Siraj	2001460	199028
14	Kamaljit Kaur	2001458	199029
15	Harpreet Singh	2001457	199030
16	Japanjot singh	2001377	203030
17	Gurinder Singh	2001158	209001
18	Nitish	2001165	209002
19	Shivdyal Singh	2001171	209007
20	Nabhpreet Singh	2001163	209009
21	Prem Kumar	2001166	209010
22	Ekamjeet Singh	2001157	209012
23	Ajeet Yadav	2001153	209014
24	Sharandeep kaur	2001170	209015

S/no	Name	Uni Roll No	College Roll No
25	Karanpreet Singh	2001161	209017
26	Sahil Dev	2001169	209018
27	Rajesh Kumar	2001167	209019
28	Navjot Singh	2001164	209020
29	Mohit Kumar	2001162	209021
30	Vaibhav Sharma	2001172	209022
31	Abidha Khanam	2001152	209023
32	Yasir Ali Naz	2001173	209024
33	Ayush Kumar	2100241	219005
34	Gurwinder Singh	2100249	219010
35	Gagandeep Kaur	2100246	219011
36	Karanveer Singh	2100254	219015
37	Rahul Kumar	2100267	219016
38	Bittu Kumar	2100242	219027
39	Chandan Kumar	2100243	219032
40	Harkirat Singh	2100250	219035
41	Mahima Angural	2100256	219039
42	Vikesh Kumar	2100277	219041
43	Saroj Kumar	2100273	219046
44	Bhavninder Singh	2100630	D-209031
45	Kamalpreet Singh	2100634	D-209034
46	Ankit Pathak	2100627	D-209035
47	Harpreet singh	2100632	D-209037
48	Anant Amrit	2100626	D-209039
49	Balpreet Singh	2100629	D-209042
50	Jashandeep Singh	2100633	D-209046

# **Online Webinar on “Relevance of the entrepreneurship in career growth”**

Baba Banda Singh Bahadur Engineering College, Fatehgrah Sahib organized an online webinar under the Impact lecture scheme initiated by the Ministry of Education Innovation Cell, AICTE. The event was jointly done by BBSBEC-IIC and Alumni Cell in Civil Engineering department was organized on 29th August, 2022. Webinar on “Relevance of the entrepreneurship in career growth” was organized and speaker of the day Mr. Barjinder Singh Johal (Engineering Manager, CONGRUEX ASSIAN PACIFIC LLP).

**Mr. Barjinder Singh Johal shared the importance of entrepreneurship in current era of time by sharing his personal experience of the field, how to advance your personal growth and individual qualities for better goal setting and future prospects. Resource person clarified all the doubts and concerns of the students in vary diligent manner.**

More than 30 Civil Engineering students participated in the webinar. **Honorable Principal Dr. Lakhvir Singh** congratulated the organizing team. He also appreciated the content of expert lecture and motivated the students to gain practical knowledge along with the theoretical. Prof. Manpreet Kaur, (Institute IIC start-up Coordinator) BBSBEC-IIC, thanked the expert speaker and Institutions Innovation Council, MoE’s Innovation Cell, for their support and funding for the event. The college innovation council team assured that they will always put their best foot forward to make the future events, a success.



NAAC Grade "A" Accredited College

BABA BANDA SINGH BAHADUR ENGINEERING COLLEGE  
FATEHGARI SAHIB



BBSBEC INNOVATION COUNCIL & CIVIL ENGINEERING DEPARTMENT IS  
ORGANISING

Webinar

# Relevance of the entrepreneurship in career growth



**Barjinder Singh Johal**

Engineering Manager  
Congruex Asslan pacific Ip

29/08/2022  
11 AM

Register Now

<https://forms.gle/WNX85PecBjnzBfKX9>

GOOGLE MEET LINK:

<https://meet.google.com/doj-pyof-kru>

1 / 4

Barjinder Singh Johal is presenting

## Career Options

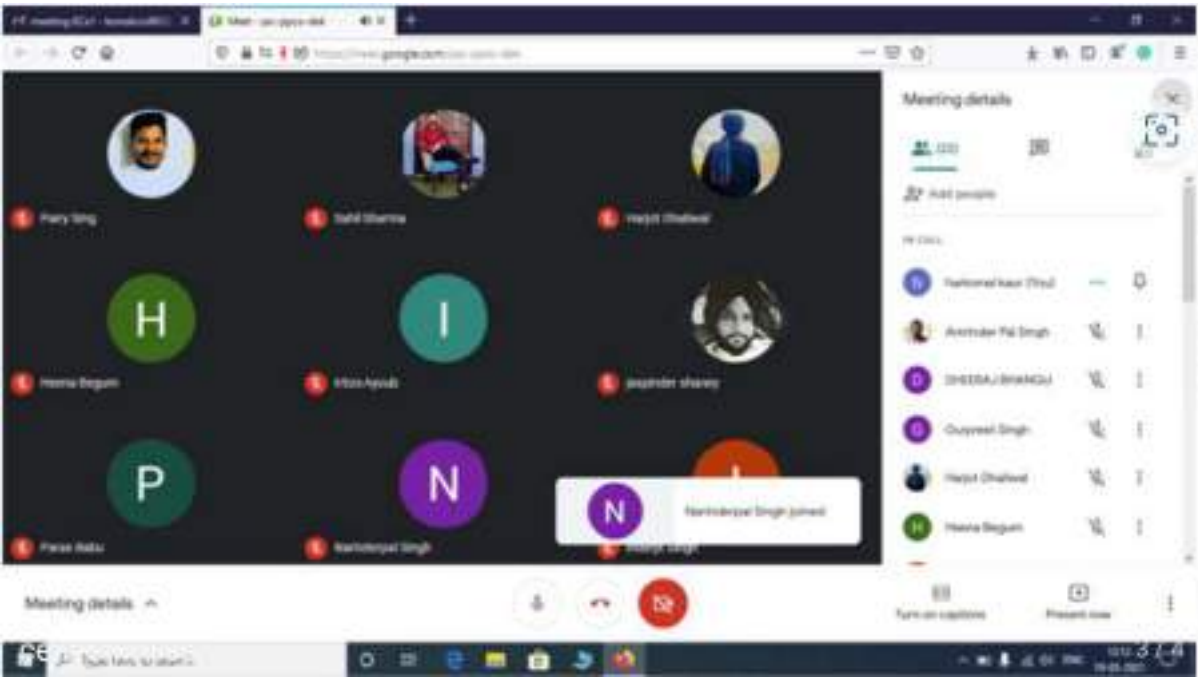
- Government Sector
  - Technical – JE, SDO – GATE, ESE
  - Non-Technical (Non-Engineering)
  - Defence – CDS
- Private Sector
- Business
  - Family Business
  - Start Own Business

*If you're offered a job in a career job, don't ask what will you get out of it!*

### Career Development Model

T Taru Malwa	S Sandeep Singh...	S Sudhanshu Singh
H HOD-Civil Eng...	H Harshdeep Singh	
R Rajinder Singh	TS Offici...	TS...

11:28 AM | Webinar: Relevance of the entrepreneurship... | 2 / 4



List of Participants of webinar on  
"Relevance of entrepreneurship in career growth"

S/no	Name	Uni Roll No	College Roll No
1	Abidha khanam	2001152	209023
2	Ajeet yadav	2001153	209014
3	Arman deep singh	2001155	209006
4	Ekamjeet Singh	2001157	209012
5	Gurinder Singh	2001158	209001
6	Karanpreet Singh	2001161	209017
7	Rajesh Kumar	2001167	209019
8	Sahil Dev	2001169	209018
9	SharanDeep Kaur	2001170	209015
10	Vaibhav sharma	2001172	209022
11	Yasir ali naz	2001173	209024
12	Japanjot Singh	2001377	203030
13	Ayush kumar	2100241	219005
14	Bittu kumar	2100242	219027
15	Chandan kumar	2100243	219032
16	Harkirat Singh	2100250	219035
17	Karanveer singh	2100254	219015
18	Mahima Angural	2100256	219039
19	Pranay kumar	2100638	D209044
20	Prity kumari	2100639	D-209045
21	Rahul kumar	2100267	219016
22	Ritik kumar	2100269	219006
23	Tania Devi	2100276	219034
24	Vikesh kumar	2100277	219041
25	VIVEK KUMAR PANKAJ	2100278	219017
26	Vivek Kumar ram	2100279	219019
27	Ankit Pathak	2100627	209035-D
28	Arshdeep singh	2100628	D - 209030
29	Balpreet singh	2100629	D-209042
30	Jashandeep Singh	2100633	D209046

## WORKSHOP ON PYTHON

The workshop on Python and Database Connections was organised by the IEI student chapter (ECE) of BBSBEC Fatehgarh Sahib on 22<sup>nd</sup> Sep, 2022. It was conducted by Mr. MJS Dhillon Director of Infowiz. The workshop was attended by the students of ECE and Electrical Engineering. Python is a simple, general purpose, high level, and object-oriented programming language. Python is easy to learn yet powerful and versatile scripting language, which makes it attractive for Application Development. Python's syntax and dynamic typing with its interpreted nature make it an ideal language for scripting and rapid application development.

The workshop successfully harnessed the enthusiasm and experience of participants and reached wide-ranging consensus.







List of the students who participated in "Workshop On Python" held on 22 Sept 2022

S.No.	Name of the Student
1.	Komal Zsman
2.	Kartik Kumar
3	Jasmeen Kaur
4	Rajni
5	Abhishek Chauhan
6	Dilip Kumar
7	Gauri Shankar
8	Jatinder Singh
9	Nikita Devi
10	Prince Kumar
11	Saurav Kumar
12	Dhivya Bharathi C
13	Ankit Kumar
14	Rahul Kumar
15	Abhijeet Kumar
16	Ranjan Kumar
17	Rakesh Kumar
18	Simrandeep Kaur
19	Sanyog Kumar
20	Trilok Kumar
21	Vikash Kumar
22	Rajeev Kumar Tiwari
23	Nidhi Kumai
24	Harwinder Kaur
25	Manpreet Kaur
26	Navjot Kaur
27	Raminder Kaur
28	Navjot Kaur
29	Rahuldeep Singh
30	Narinder Singh
31	Harpreet Singh
32	Gursharan Singh
33	Vijaydeep Singh
34	Lovepreet Kaur
35	Naini Puri
36	Rupinder Kaur

## Techno Club Activities Details (2022)

S.No	Date	Activity Name
1.	24/11/2022	Aptitude Test-1
2.	01/12/2022	Aptitude Test-2

### **Aptitude Test-1**

The department of Electronics & Communication Engineering conducted the Aptitude test for the students on 24/11/2022. The students received the Google test link in their class WhatsApp groups and submitted the test online. More than 60 students participated in the test and scored well. The results have been analyzed and shared with the students. Komal Zelman, student of 5<sup>th</sup> semester ECE achieved the first position by scoring 24 marks out of 25. The coordinators congratulated the students for appearing in the test and distributed the certificates to all the participants.



Baba Banda Singh Bahadur Engineering College  
Fatehgarh Sahib


# APTITUDE TEST-1

SYLLABUS

DIVISIBILITY, HCF AND  
LCM, DECIMAL  
FRACTION, POWER

ORGANISED BY :  
**ECE DEPARTMENT**



 Thursday, 24th Nov, 2022  
11.45AM

## VENUE

ONLY FOR ECE STUDENTS

5-215



# CONGRATULATIONS

Achieved 1st position in  
Aptitude Test-1  
organized by  
Technoclub of ECE  
Department.



**KOMAL ZASMAN**

5th Sem ECE



CONTACT US

9814676835



**Baba Banda Singh Bahadur Engineering College  
Fatehgarh Sahib, Punjab**

## Certificate of Participation

PRESENTED TO :

*Abdul Rahman Kausar*

for successfully participating in "Aptitude Test-1"  
organised by ECE Department of Baba Banda Singh  
Bahadur Engineering College, Fatehgarh Sahib on  
November 24, 2022.

Dr. Sonin  
Coordinator

Dr. Raja Sharusa  
Coordinator

Dr. Kiranpreet Kaur  
HOD ECE

Dr. Lakhvir Singh  
Principal

11/24/2022 12:13:43	subhamupadhya53100@gmail.com	7 / 25	Subham kumar
11/24/2022 12:16:42	kharika7857025625@gmail.com	7 / 25	Ruju kumar
11/24/2022 12:19:59	jatindersingh62805@gmail.com	8 / 25	Jatinder singh
11/24/2022 12:21:00	devinikita40@gmail.com	21 / 25	Nikita Devi
11/24/2022 12:29:02	gautamgtm2018@gmail.com	18 / 25	Saurav Kumar
11/24/2022 12:33:42	kaurmanpreet9260@gmail.com	6 / 25	Manpreet kaur
11/24/2022 12:35:49	royshiva473@gmail.com	12 / 25	Shivam kumar roy
11/24/2022 12:38:40	dhivyabharathisboa@gmail.com	14 / 25	Dhivya Bharathi . C
11/24/2022 12:39:06	gauribudhwara@gmail.com	3 / 25	Gauri shankar
11/24/2022 12:39:14	kumardilipbth477@gmail.com	9 / 25	Dilip kumar
11/24/2022 12:39:17	kumarabhi7205@gmail.com	19 / 25	Abhinav Kumar
11/24/2022 12:42:10	surykant20022000@gmail.com	8 / 25	Surykant Kumar Singh
11/24/2022 12:42:26	amankumar07860507@gmail.com	12 / 25	AMAN KUMAR SHARMA
11/24/2022 12:44:15	kumarabhijeet41261@gmail.com	18 / 25	Abhijeet Kumar
11/24/2022 12:45:12	rahmankaushar7890@gmail.com	20 / 25	Abdul rahman kausar
11/24/2022 12:48:02	sunnysinghrajputsunny8@gmail.com	9 / 25	PRINCE KUMAR
11/24/2022 12:48:24	jharaushankumar112@gmail.com	7 / 25	Raushan kumar jha

11/24/2022 12:48:35	brajeshkumardharahara@gmail.com	20 / 25	Brajesh kumar
11/24/2022 12:50:32	ramlal98408@gmail.com	6 / 25	Ram Lal
11/24/2022 12:52:08	babuashgarbabu@gmail.com	16 / 25	Ashgar ali
11/24/2022 12:54:29	abdulsamad78652035@gmail.com	22 / 25	Abdul Samad
11/24/2022 12:54:46	piyusharyan333@gmail.com	23 / 25	Piyush Aryan
11/24/2022 12:55:11	waquasjawaid79@gmail.com	23 / 25	Waquas Jawaid
11/24/2022 12:55:50	jmd318637@gmail.com	22 / 25	Md Jahid
11/24/2022 12:56:14	rk1132368@gmail.com	21 / 25	Rakesh Kumar
11/24/2022 12:56:35	sauravraj71537@gmail.com	21 / 25	Saurav raj
11/24/2022 12:57:55	trilokenglishking123@gmail.com	20 / 25	Trilok kumar
11/24/2022 12:58:36	vikashku5321@gmail.com	21 / 25	Vikash Kumar
11/24/2022 12:58:46	nidhikumari9060@gmail.com	21 / 25	Nidhi Kumari
11/24/2022 13:00:33	sanyog731@gmail.com	21 / 25	Sanyog kumar
11/24/2022 13:01:43	chaudhary8472k@gmail.com	12 / 25	Govind chaudhary
11/24/2022 13:01:56	upmakumari02082004@gmail.com	4 / 25	Upma kumari
11/24/2022 13:02:01	arjunk74400@gmail.com	20 / 25	Arjun Kumar
11/24/2022 13:02:23	rr4805587@gmail.com	21 / 25	Raj Kumar
11/24/2022 13:02:48	navjotkaur8941@gmail.com	23 / 25	Navjot kaur
11/24/2022 13:03:17	dhaliwalmanpreet209@gmail.com	23 / 25	Manpreet Kaur
11/24/2022 13:03:35	navjotkaurbenipal0@gmail.com	23 / 25	Navjot Kaur
11/24/2022 13:10:27	ankitkumar947297@gmail.com	21 / 25	ANKIT KUMAR
11/24/2022 13:20:45	sur93996@gmail.com	19 / 25	Suraj Kumar
11/24/2022 13:32:31	rahulbscc455@gmail.com	13 / 25	Rahul kumar
11/24/2022 13:38:39	rajeewtiwari17189@gmail.com	21 / 25	Rajeev Kumar Tiwari
11/24/2022 13:49:17	chitranjankumar952540@gmail.com	13 / 25	Chitranjan Kumar
11/24/2022 13:50:51	baljotlohat@gmail.com	14 / 25	Baljot Singh
11/24/2022 13:53:21	ayushkumarchaita12@gmail.com	20 / 25	Ayush Kumar
11/24/2022 13:57:57	niteshkumardubey1122@gmail.com	18 / 25	Nitesh Kumar Dubay
11/24/2022 14:18:27	maheshrrsingh5555@gmail.com	18 / 25	Mahesh Kumar Singh
11/24/2022 14:23:42	pmgkudhana@gmail.com	19 / 25	Dhananjay Kumar
11/24/2022 15:13:35	amarjeet22042003@gmail.com	18 / 25	Amarjeet Kumar
11/24/2022 16:11:20	harwinderkaur8312@gmail.com	21 / 25	Harwinder kaur
11/24/2022 18:01:21	simranahi3018@gmail.com	17 / 25	Simrandeep Kaur
11/24/2022 18:43:35	lovepreetkaurrk@gmail.com	22 / 25	Lovepreet kaur
11/24/2022 23:25:49	sehgakz27@gmail.com	24 / 25	Komal Zasman

## Aptitude Test-2

The department of Electronics & Communication Engineering conducted the Aptitude test for the students on 01/12/2022. The students received the Google test link in their class WhatsApp groups and submitted the test online. More than 60 students participated in the test and scored well. The results have been analyzed and shared with the students. Brajesh Kumar, student of 3<sup>rd</sup> semester ME achieved the first position by scoring 22 marks out of 25. The coordinators congratulated the students for appearing in the test and distributed the certificates to all the participants.



 **Baba Banda Singh Bahadur Engineering College**  
Fatehgarh Sahib

**APTITUDE  
TEST-2**

**ORGANISED BY :**  
**ECE DEPARTMENT**

**SYLLABUS** | PROFIT AND LOSS, TIME,  
SPEED AND DISTANCE,  
INVERSE, SIMPLE AND  
COMPOUND INTEREST



 **Thursday, 1st Dec, 2022**  
**11.45AM**

**VENUE**  
S-215





## CONGRATULATIONS

Achieved 1st position in  
Aptitude Test-2  
organized by  
Technoclub of ECE  
Department .



**BRAJESH KUMAR**

3rdSem ME



CONTACT US

9814676835



Baba Banda Singh Bahadur Engineering College  
Fatehgarh Sahib, Punjab

## Certificate of Participation

PRESENTED TO :

**AMAN KUMAR**

for successfully participating in "Aptitude Test-2"  
organised by ECE Department of Baba Banda Singh  
Bahadur Engineering College, Fatehgarh Sahib on  
December 01, 2022.

  
Dr. Sonia  
Coordinator

  
Dr. Raju Sharma  
Coordinator

  
Dr. Kirangroet Kaur  
HOD ECE

  
Dr. Lakhvir Singh  
Principal

12/1/2022 12:08:55	amankumar07860507@gmail.com	21 / 25	AMAN KUMAR SHARMA
12/1/2022 12:11:08	amankumar07860507@gmail.com	10 / 25	AMAN KUMAR SHARMA
12/1/2022 12:18:39	brajeshkumardharahara@gmail.com	22 / 25	Kumar
12/1/2022 12:18:45	chitranjankumar952540@gmail.com	22 / 25	Chitranjan Kumar
12/1/2022 12:18:50	Shubkr3165@gmail.com	22 / 25	Shubham kumar
12/1/2022 12:18:55	piyusharyan333@gmail.com	22 / 25	Piyush Aryan
12/1/2022 12:19:02	surykant20022000@gmail.com	22 / 25	Surykant Kumar Singh
12/1/2022 12:20:04	rahmankaushar7890@gmail.com	20 / 25	Abdul rahman kausar
12/1/2022 12:20:06	babuashgarbabu@gmail.com	20 / 25	Ashgar Ali
12/1/2022 12:20:13	jmd318637@gmail.com	22 / 25	Md Jahid
12/1/2022 12:22:33	abdulsamad78652035@gmail.com	22 / 25	Abdul Samad
12/1/2022 12:23:09	waquasjawaid79@gmail.com	22 / 25	Waquas Jawaid
12/1/2022 12:25:58	kaarn.me@gmail.com.com	6 / 25	Karanveer singh
12/1/2022 12:37:43	khansohrab86228@gmail.com	22 / 25	Md Sohrab
12/1/2022 12:38:22	maheshrrsingh5555@gmail.com	22 / 25	Mahesh Kumar singh
12/1/2022 12:40:17	kumarabhi7205@gmail.com	17 / 25	Abhinav Kumar
12/1/2022 12:56:47	navjotkaur8941@gmail.com	22 / 25	Navjot kaur

12/1/2022 12:56:48	dhaliwalmanpreet209@gmail.com	22 / 25	Manpreet Kaur
12/1/2022 13:04:54	sur93996@gmail.com	13 / 25	Suraj Kumar
12/1/2022 13:34:52	nainipuri35@gmail.com	21 / 25	Naini Puri
12/1/2022 14:21:57	raju.sharma@bbsbec.ac.in	0 / 25	
12/1/2022 14:50:51	pmgkudhananjay@gmail.com	19 / 25	Dhananjay Kumar
12/1/2022 14:54:00	amann1102005@gmail.com	22 / 25	Aman kumar
12/1/2022 15:00:03	kumarabhijeet41261@gmail.com	22 / 25	Abhijeet Kumar
12/1/2022 15:01:07	rahulbscc455@gmail.com	16 / 25	Rahul Kumar
12/1/2022 15:19:29	sauravraj71537@gmail.com	22 / 25	Saurav raj
12/1/2022 15:21:28	amarnathsahni914250@gmail.com	21 / 25	Amarnath Sahni
12/1/2022 15:32:36	rk1132368@gmail.com	14 / 25	Rakesh Kumar
12/1/2022 15:51:58	trilokenglishking123@gmail.com	22 / 25	Trilok vishwas
12/1/2022 15:52:24	vikashku5321@gmail.com	22 / 25	Vikash Kumar
12/1/2022 16:16:54	sanyog731@gmail.com	12 / 25	Sanyog maahi
12/1/2022 17:09:31	ramlal98408@gmail.com	11 / 25	Ram Lal
12/1/2022 18:51:38	arjunk74400@gmail.com	10 / 25	Arjun Kumar
12/1/2022 22:42:43	zahidmd2057@gmail.com	22 / 25	Md Jahid
12/1/2022 23:29:22	srishika.937@gmail.com	21 / 25	RISHIKA SINGH
12/2/2022 9:40:04	sehgalz27@gmail.com	20 / 25	Komal Zsman

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<p><b>About The Institution of Engineers (India)</b></p> <p>The Institution of Engineers (India) or IIE is the largest multi-disciplinary, professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IIE has membership strength of nearly 1.5 million. Established in 1952 with its headquarters at A. Gokhale Road, Kolkata 700026, IIE has served the engineering fraternity for over a century. In this period of time it has been inseparably linked with the history of modern day engineering. In 1958, IIE was incorporated by Royal Charter and remains the only professional body in India to be accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and innovative organization across the globe. All functions among professional engineers, institutions and research workers. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating from over 125 centres located across the country. The Institute provides Grants-in-Aid to its members to conduct research and development on engineering subjects. For details visit <a href="http://www.iieindia.org">www.iieindia.org</a></p> <p><b>About Parul &amp; Chandigarh State Centre</b></p> <p>The Parul State Centre of the Institution of Engineers was located at Lahore before partition of India. After 1946, when Rajasthan and Himachal established their separate centres, the Centre was moved to Parul &amp; Chandigarh State Centre. The foundation stone of this building was laid in 1961 by Sardar Prasad Singh Khosla, the then Chief Minister of Punjab. Located in Sector 14 (near IIT) and equipped with all kind of infrastructure to organize such seminars.</p> <p><b>About Baba Banda Singh Bahadur Engineering College, Ferozgarh Sahib, Punjab</b></p> <p>Baba Banda Singh Bahadur Engineering College, Ferozgarh Sahib, was established in the year 1993 at historical place of Ferozgarh Sahib under the patronage of NAAC and with the approval of the Govt. of Punjab. The college is approved by the AICTE, New Delhi and is affiliated to IIT, Parul Technical University, Jabalpur. The college courses are approved by NIRA and NAAC. The College has earned a reputation for its quality infrastructure, experience faculty, placements and strong alumni base.</p>	<p><b>ABOUT THE SEMINAR</b></p> <p>The department of Electronics &amp; Communication Engineering of Baba Banda Singh Bahadur Engineering College, Ferozgarh Sahib (Punjab) is going to organize a seminar on "Emerging trends in Engineering Design and Technology" on 26-27 April 2023. The motive of the Seminar is to make the faculty and students aware about the growing field and latest trends in engineering and technology. Engineers utilize their knowledge of science, mathematics, logic, and experience to introduce innovations. The progresses are acknowledged in the recent trends in engineering. Now days Digitalization is changing the playing field for engineers. It uses the culture by providing real-time data on the performance of equipment in the field today, allowing engineers to consider improvements that can be achieved in months through data algorithms rather than years or decades. Artificial intelligence, Machine learning, Communication processing, Nano science, Design technology and other upcoming technologies are transforming the basics of how various technologies work and customers are recognizing the possibilities are demanding more customized equipments and intelligent interfaces. These new trends and technologies are also reshaping the way engineers design and develop. They create opportunities that when used to full potential, can contain research and development (R&amp;D) costs and substantially speed up the incorporation of innovations—allowing manufacturers to better adapt to rapidly changing customer demands.</p>	<p><b>CALL FOR PAPERS</b></p> <p>The main objective of the seminar is to make the people aware of the current technological advances in Engineering design and technology. Full length research papers for the seminar on the topics related to (not restricted to) are invited.</p> <ul style="list-style-type: none"> <li>• Communication and Information Processing</li> <li>• Electrical Engineering Communication</li> <li>• Power System Design and Planning</li> <li>• Electromagnetic &amp; Microwave Design</li> <li>• IoT and Artificial Intelligence</li> <li>• Big Data Analytics</li> <li>• Neuroscience and Nanotechnology</li> <li>• Optics and Optoelectronics</li> <li>• Semiconductor Design</li> <li>• Systems and Control Engineering</li> <li>• Design Engineering</li> <li>• Biodynamic and Aerodynamics</li> </ul> <p>(Faculty PG students, researchers, people from industry, research center, educational Institute are welcome to the seminar)</p> <p><b>HOW TO REGISTER</b></p> <p>To attend the Seminar, kindly register before the last date by submitting your registration forms along with full length papers to the IITC Secret.</p> <table border="0"> <tr> <td>Submission of full length paper</td> <td>April 20, 2023</td> </tr> <tr> <td>Acceptance of paper final submission</td> <td>April 26, 2023</td> </tr> <tr> <td>Last date for Registration &amp; Fee Submission</td> <td>April 28, 2023</td> </tr> </table> <p>Registration form: <a href="mailto:ic@iitc.ac.in">ic@iitc.ac.in</a> Rs. 50/- for IITC Members</p>	Submission of full length paper	April 20, 2023	Acceptance of paper final submission	April 26, 2023	Last date for Registration & Fee Submission	April 28, 2023
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Acceptance of paper final submission	April 26, 2023							
Last date for Registration & Fee Submission	April 28, 2023							

**REPORT OF TWO-DAY SEMINAR/WORKSHOP ORGANISED BY CENTRES / OVERSEAS CHAPTERS**

Name of Centre / Overseas Chapter:		Punjab and Chandigarh State Centre	
Title of Activity:	Two Days All India Seminar on "Emerging Trends in Engineering Design & Technology"		
Activity under Divisional Board		Electronics and Telecommunication Engineering Division	
Date:	May 2- 3, 2023	Venue:	Baba Band Singh Bahadur Engineering College Fatehgarh Sahib, Punjab, India

**Photos of Inaugural Session with banner of IEI**







## Photos of Technical Session







## Photos of Valedictory Session







Electronics & Communication Engineering department of Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib has organized All India Seminar on “Emerging Trends in Engineering Design and Technology” on May 2-3, 2023 in association / collaboration with Punjab & Chandigarh State Centre under the Aegis of Electronics and Telecommunication Engineering Division, IET. The main objective of this seminar was to make the people aware of the current technological advances in Engineering design and technology. This is an initiative to engage the researchers in wider discussions, share ideas with academics and researchers from other institutes, learn from their experiences, and develop strategies as per future trends.

The Institution of Engineers (India) or IET is the largest multidisciplinary professional body that encompasses various engineering disciplines and gives engineers a global platform to share professional interest, IET functions among professional engineers, academicians and research workers.

On the first day, **Dr. Manjeet Singh Patterh**, Professor ECE, Dean Research and Dean Faculty of Engg. & Tech. at Punjabi university Patiala, was The “Chief Guest” of the Seminar. Dr. Patterh Enlightened the audience and participants about the requirements and benefits of emerging technologies and its applications. He also discussed that Electronics and Communication plays an important role in the present scenario of design and technology revolution. Applications of AI and Machine learning cannot work without the 5G and 6G which is actually a communication technology at the back end.

**S. Jagdeep Singh Cheema**, Trust Member, BBSB Education Trust, Fatehgarh Sahib was the “Guest of Honour”. He congratulated the ECE department and our prestigious institute to organize the seminar and thanked the members of Institute of Engineers India for granting BBSBEC for the seminar. He also wished the seminar a great success.

**Dr. R. S. Uppal**, Convener of the seminar also discussed about the theme of the Seminar that how Digitization is changing the playing field for engineers. Artificial intelligence, Machine learning, Communication processing, Nanoscience, Design technology and other upcoming technologies are transforming the basics of how various technologies work. These new trends and technologies are also [reshaping the way engineers design and develop](#).

#### **Details of Sessions:**

**Session 1:** The Keynote Speaker and session Chair was **Dr. Jagtar Singh Sivia**, who is working as Professor and head ECE department, Yadwindra college of Engg, Talwandi sabo. He addressed the audience with his eminent speech about the design of Fractal antennas.

The participants from various institutes also presented their research papers in the session I. The various papers presented were:

S. No	Title of the paper	Authors
1	Design Perspective In Gate All Around Field Effect Transistor:	Ram devi, Prof. Ameeta Seehra, Dr. Gurpurneet Kaur
2	A Review On OTDM Transmission	Ridheyjot Kaur, Dr. Baljeet Kaur, Harminder Kaur
3	Triple Band THz MIMO antenna for short-range communications	Poonam Kondal, Dr. Rajbir Kaur
4	Performance Analysis of Analog to Digital Converters (ADC)	Priyansh, Gupta, Jagpal Singh, Ubhi, Sarbjeet Singh

**Session II:** The Keynote Speaker and session Chair was **Dr. Rajvir Kaur**. She is working as Assistant Professor in ECE department, University college of Engg, Punjabi University, Patiala. She discussed about the importance of the Emerging technologies in today's world.

In her Keynote address, she also discussed about the placement scenario in the various companies and told some important points to the students and participants regarding "How to get Placed" in various reputed companies and how to prepare themselves for the same. Other papers in the session are:

S. No.	Title of the paper	Authors
1	Comparison of Block Chain and Machine Learning Algorithm In Real Estate Appraisal System	Himani Chugh, Dr. Kiranpreet Kaur
2	Artificial Intelligence	Navjot Kaur, Dr. Mandeep Kaur
3	Review of Time-Series Forecasting Models	Dr. Raju Sharma
4	The Wireless Network: A Promising Technology	Dr. Harpreet Kaur Mavi, Simarpreet Kaur
5	Star Shaped defected ground Plane wearable fractal antenna for Wireless Applications	Sandeep singh Sran, Jagtar singh Sivia, Amandeep Kaur Saro, Tara Singh Kamal
6	5G Security: Safeguarding the Next Generation of Wireless Networks	Rupinder Kaur, Prof. Simarpreet kaur
7	Online Crime reporting System	Akshat Arora, Aman Kumar, Aman Kumar, Aman Kant Ojha, Sandeep Kaur Dhanda

### Day 2 Session III:

The session was chaired by **Dr. Manpreet Kaur**, Dean RIC, BBSBEC Fatehgarh sahib. Total 10 papers were presented in this session by the participants. They discussed about the latest technology and trends in Engineering, Design & Technology. Session was concluded by Dr. Manpreet Kaur. She appreciated and congratulated the participants for their hard work. She also enlightens upon the importance of research in the industry and technology

enhancements. She advised the students to involve themselves into the research field, present papers in seminars/conferences.

S. No.	Title of the Paper	Authors
1	Analysis of RF Energy Harvesting System: Applications and Future Aspects	Rajdevinder Kaur Sidhu, Jagpal Singh Ubhi, Alpana Agarwal
2	The Role Of Big Data To Combat The Covid 19 Epidemic	Muskan Kumari, Parminder Kaur, Prof. Jaspreet Kaur
3	The Role of AI in Education –A Review	Parag Sharma, Chitvan Sharma, Aanchaldeep Kaur, Prof. Jaspreet Kaur
4	Movie Recommender System	Manpreet Kaur , Navjot Kaur , Dr.Kiranpreet Kaur, Navpreet Kaur
5	Designing Better Online Review & Rating Systems	Abhiraj Anand, Abhishek Kumar, Abhishek Kumar, Abhishek Kashyap, Dr. Jatinder Singh saini
6	Sign Language Recognition Using Convolutional Neural Networks: A Review	Amritansh Kaur Mamotra, Prof. Jaspreet Kaur
7	IoT IN SMART HOMES – A REVIEW	Mahekvir Maan, Prabhjotkaur, Prof. Jaspreet Kaur
8	Internet of Things	Rinki Dogra, Dr.Mandeep Kaur
9	ChatGPT	Dhivyabharathi, Bhalinder Kaur
10	Techniques to Detect Malware in Android-based Mobile Devices Using Machine Learning	Amritpal singh, Ravneet kaur, Prof. Jaspreet Kaur
11	Current trends in New Technology : A Review	Manpreet Kaur, Jagtar Singh Sivia, Tara Singh Kamal
12	The Wireless Network :A Promising Technology	Dr. Harpreet Kaur Mavi, Prof Simarpreet Kaur

**Session IV:** Session was started with keynote address by session chair **Dr. Tripatjot Singh Panag**, working as Technical Project Manager at AltioStar, Bengaluru. He discussed about the 5G Technology implementation phase. Following papers were also presented:

S. No.	Title of the Paper	Authors
1	A research paper on smart Home	Raminder Kaur, Mandeep Kaur
2	Detection of tumor and delay in movement of coma patient by radiation using iFogSim	Dr. Rajbir Kaur
3	SMS Spam Detection Using Machine Learning	Aashish Thapa, Aamir Khan, Aastha Sharma, Abhay Saini, Amanjot Kaur
4	Crime Management System	Gursimranpreet kaur, Gyanender Kumar, Sahil Sharma, Sehajpreet Singh, Prof Simarjot Kaur

The session is preceded by the Valedictory ceremony. The Chief guest was **Dr. T. S. Kamal** and **Dr. Jagtar Singh Sivia** was the guest of honor. At the end of the session, certificates were distributed to the participants.