

#### BHILAI INSTITUTE OF TECHNOLOGY, DURG

### 2.3.1 Student centric methods, such as experiential learning used for enhancing learning experiences Response (from year 2022 to 2017)

Programme name/Branch	Year	Name of Events	No. of Participants	Page No.
Electronics and		Arduino Project Competition	52	1
telecommunication Engineering	2022-23	Project competition using C++	37	2-7
B.Tech (Mechanical Enginnering)		Paper Presentation	5	8-9
B.Tech(Computer Science and Engineering)		Aptico-Game of Codes	45	10-15
Electronics and		Arduino Project Competition	82	16-18
telecommunication Engineering	2024 22	Project competition using C++	44	19-24
	2021-22	Webinar on Vocational training	62	25-26
B.Tech (Mechanical Enginnering)		Webinar on How to Write a Research Paper	35	27
		Introduction of python Programming	77	28-29
B.Tech(Computer Science and Engineering)		Introduction to DSA Workshop	60	30-32
B.Tech(Electrical & Electronics Engineering)	2020-21	Creat-A-Thon : Filter & App Designing for Mobile Application	182	33-34
B.Tech (Mechanical Enginnering)		Webinar on How to Write a Good Research Paper	40	35
		One day workshop on Python	52	36-39
		SciLAB Coordinators' Workshop	8	40
B.Tech(Computer		Workshop on SciLAB for Teachers	5	41
Science and Engineering)	2019-20	Industry ready program based training course	25	42-45
		Cloud Computing on AWS platform	59	46-47
		Aptitude Test	74	48-49

Electronics and telecommunication Engineering		Arduino Project Competition	111	50-56
Information Technology		Workshop on Deep Learning and Neural Networks	70	57-58
information recimology		Caliber de-en-quete (CDQ)	100	59-65
Master of Computer Applications		Cloud Computing on AWS Platform	50	66
B.Tech(Computer Science and Engineering)		SIH(Smart India Hackathon) 2019 programming Contest	110	67-72
		RASPBERRY JAM	46	73
Information Technology		ARDUINO DAY	50	74
Information Technology	2018-19	IoT Challenge 2019	70	75-80
		Caliber de-en-quete (CDQ)	209	81
Master of Computer		No SQL	55	82
Applications		Applications of Theoritical Computer Science	55	83
		Technical Presentation Competition on "Role of Engineers in Developing India"	21	84
B.Tech(Computer		Expert Lecture on "Presentation and Communication Skill"	55	85
Science and Engineering)		College to Corporate Programme - Financial Literacy (plc101x)	1	86
		College to Corporate Programme - Technical Skills (plc101x)	44	87
B.Tech(Electrical &	2047.40	Quiz	36	88-89
Electronics Engineering)	2017-18	Group Discussion	18	90-91
		Introduction to Python Programming	47	92
Information Technology		Android and Server Design	80	93
		Workshop on "Raspberry Jam"	50	94
Master of Computer Applications		Introduction to Arduino and Sensor based Projects	54	95-98

#### Academic Year 2022-23

#### Bhilai Institute Of Technology, Durg

Department of Electronics & Telecommunication Engineering

#### Final List for Project Competition Using Arduino (2022)

Group Number	Project Title	Group member Names Member 1,Member 2, Member 3		
G01	Archino Obstacle avoiding +voice control+ bluetooth control remote car	Lalit Kumar , Ayush Shann a.		
G02	Bluetooth Cur	D. Chitra Reddy, Bhumika Hauarya, Aranya Pate l		
G03	Fire Alarm	Aastha Yadaw, Te jaswini Rafh		
G04	Ous & Smoke detector	Vaibhar Tembharian, Viwek Kumar Singh, Praveen lashyap		
G05	Ge storre Control Binetooth Speaker	Taru Yadaw , Shreya Vezma , Sujal Pandey		
G06	Gesture Control Using Python	Sakski Mishra ( A-31 ) Samistha Patle ( A-32 ) Shrijal verma ( A-35 )		
C07	Intrusion Detection System with Mobile Alert.	Wyom, Tushar, Arkita		
G08	lot based wehicle tracking system using NodeMCU and arduino IDE	Din ple Gryakwad, Bhawaari Sahu, Dinky Bandhar		
C009	Lightweight Arduino GSM Mobile Phone	Alikishek kaski		
C210	Motion Following Motorized Camera Base	Anshdon Singh Shinjan Biswas		
car	Programm able Robot Hand	Pratibha Raj , Priya Dewangan		
G12	Propeller LED Pendulum. Clock using Arduino NANO Yogesh Joshi, Uday Raj Salau, Tikendra Kumar			
CA3	RFID Door Lock.	Althishek Tiwari , Aditi Mishra.		
G24	Sensory station	1. Yogeda Kamar Yadaw 2. Harshit Singh 3. Vidit Gadge		
C25	Smart Dustbin Using Arduino	Srishti Dubey,S. Yashaswi,muskan chourse		
G2 6	Smart He instrucing Archino	Annoshka Singh, Aashi Deshmukh, Aarya Janghel		
C27	Smart Wehicle Parking System	Shreya Jirwankar, Sneha Cupta, Aman soni		
GI 8	Smoke Detector	Alhinest Mishra, Kura l Devungun, Harshira Kadayap		
CE 9	Ultrasonic Distance Alum	Mayank Satish Lakkewar, Harsh Malkapure, Arsh mandal		
C20	Voice control DIV Ardnino robot	Brashant Kum ar sahu and Sanya prakash kashyap		

Prof. Incharge Prof. and Head (E&TC)

Mrs. Kiran Dewangan

Mr. Prabhakar

Dr. Arun Kumar

# BHILAI INSTITUTE OF TECHNOLOGY, DURG ACTIVITY REPORT

Name of Department : Electronics & Telecommunication

Name of Activity : Project Competition using C++

Type of Activity : Competition

Date/ Duration of Activity : 09/12/2022

Co-ordinator of the programme : Dr. Vinni Sharma, Mr. Prabhakar

Resource Person/Judges : Dr. Swati Agrawal, Mr. Pushpendra

Details : Department of ETC, BIT Durg organized C++ Project Competition: One day college level Competition based on C++ projects for  $3^{rd}$  sem ETC students. There were 37 registrations of students from ETC, BIT DURG.

Awards/Prizes : Certificates were provided to the

participants as well as the winners. The prize winners were:

Prize Winners	Name of Student 1	Name of Student 2	Title of the Project
1st	Prashant Kumar sahu	Abhay Singh	Supermarket Billing Project
2nd	Lalit Kumar	Uday Raj	Hangman : the game
3rd	Sakshi Mishra	Samistha Patle	Bank management system

#### BHILAI INSTITUTE OF TECHNOLOGY, DURG

Department of Electronics & Telecommunication Engineering

Date: 21/11/2022

#### NOTICE

All the students of B.Tech.- 3<sup>rd</sup> semester Electronics & Telecommunication Engineering are hereby informed that the Department is organizing "PROJECT COMPETITION USING C++" on December 9, 2022 (Friday), at 2.30 pm.

- Each project group that is formed should have a maximum of two members.
- · All projects must be chosen by the students themselves.
- The projects will be finalized only after approval of the in charges.

· Certificate of participation will be given to participants.

Prof. Incharge

Dr. Vinni Sharma

Prof, Prabhakar

Dr. Arun Kumar Prof. & Head (E&TC)

B.E. 3 <sup>rd</sup> Semester Electronics & Telecommunication Assessment of C++ Projects Department of Electronics & Telecommunication, BIT, Durg.

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19									ī							1		2	_/	No.
Harsh Walkapure	likendra kumar	Vidit Satish Gadge	Vaibhav Tembhurkar	VIVEK Kumar Singh	Lalit Kumar	Taru yadav	Sanskriti sharma	ANKIT AGRWAL	Mohammad Ayaan Ansari	Nitesh Sarkar	Arsh Kumar Mandal	S. Yashaswi	Ashi Sharma	lushar Dewangan	ridsiidnt Kumar Sanu	Danshart K	Sakshi Mishra	Pratihha Bai	Ananya Patel	Name of Student 1
Mayank Lakkewar	Harshita kashyap	Praveen kashyap		Kunal dewangan	Uday Raj	Shreya verma	Yashwant verma	SHUBHAM SAHU	Maahi Kamble	Rishabh Gupta	Ritika Mukherjee	Srishti Dubey	Muskan Chourse	Ankita Pandey	AbhaySingh	Samistna Patle	Priya Dewangan	Alisiika singn	Anchille Single	Name of Student 2
ATM Machine	Train ticket booking	food ordering system	Face detection	Staff management	Hangman: the game	Tic tac toe game	dinasour game	Student registration	Library management	Casino number guessing game	face recognition security system	Hotel management	Shopping app	Airline Registration system	Supermarket Billing Project	Bank management system	Bouncing Ball game	Snake and ladder game		Title of the Project
w	w	H		SA.	n		4								4	4	w	4	MM:5	Understandi
S	w	4			H		4								4	4	と年	4	MM:5	Presentati on Skills
W	E	4			5		4								N	4	4	N	MM:5	(W/PW/N Queries
4	2	دما			5		J								5	כ	4	4	MM:5	Queries
12	_	٦		.(	19/20	)	7							(	カレインサ	Der Coll	141	(17)	20	Over All Performance

Dr. Swati Agrawal

Associate Professor

# B.E. 3 <sup>rd</sup> Semester Electronics & Telecommunication Assessment of C++ Projects Department of Electronics & Telecommunication, BIT, Durg.

ล				Technical		Morking		
No.	Name of Student 1	Name of Student 2	Title of the Project	Understandi	Presentati on Skills	(W/PW/N Queries	Queries	Over All Performance
				MM:5	MM:5	MM:5	MM:5	20
-	Ananya Patel	Anshika Singh	Snake and ladder game	7	7	4	4	7
2	Pratibha Raj	Priya Dewangan	Bouncing Ball game	-2	- م	1	ر ا	
w	Sakshi Mishra	Samistha Patle	Bank management system	Λ.	4	7	4	10
4	Prashant Kumar sahu	AbhaySingh	Supermarket Billing Project	٨, ١	1	7"	,	ا م
U	Tushar Dewangan	Ankita Pandey	Airline Registration system	,		,	7	
6	Ashi Sharma	Muskan Chourse	Shopping app					
7	S. Yashaswi	Srishti Dubey	Hotel management					
00	Arsh Kumar Mandal	Ritika Mukherjee	face recognition security system					
9	Nitesh Sarkar	Rishabh Gupta	Casino number guessing game					
10	Mohammad Ayaan Ansari	Maahi Kamble	Library management					
= 1	ANKIT AGRWAL	<b>ЗНИВНАМ ЅАНИ</b>	Student registration					
12	Sanskriti sharma	Yashwant verma	dinasour game	1	7	7	W	_
13	Taru yadav	Shreya verma	Tic tac toe game				1	
14	Lalit Kumar	Uday Raj	Hangman: the game	7	2	7	0	TO TO
15	Vivek Kumar Singh	Kunal dewangan	Staff management		1		,	
16 1	Vaibhav Tembhurkar		Face detection					
17 1	Vidit Satish Gadge	Praveen kashyap	food ordering system	1-	4	Co	W	2
300	Tikendra kumar	Harshita kashyap	Train ticket booking	ادا	- در	u		
19	Harsh Malkapure	Mayank Lakkewar	ATM Machine	4	7	Γ-(	4	

Mr.Puspendra Singh. 9/12/2



# शिलाई प्रौरोभिकी रांस्थान, दुर्ग (Seth Baikrishan Memorial) Estd. 1986 An Autonomous Institute BHILAI INSTITUTE OF TECHNOLOGY, DURG (CG)















# Certificate of Merit

3<sup>rd</sup> Semester, Department of Electronics & Telecommunication Engineering, for making an Outstanding Project using C++ and securing TPosition in the "PROJECT COMPETITION USING C++" held on December 09, 2022. This certificate is awarded to Mr/Ms halft kumas. Bright , student of

Engineering Association (ETEA). with The Institution of Engineers (I) Students Chapter and Electronics & Telecommunication Organized by Department of Electronics & Telecommunication Engineering, In association

Mr. Prabhakar

Assistant Professor

Dr. Vinni Sharma

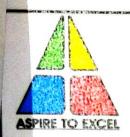
Associate Professor

Dr.Afun Kumar

Prof. & Head (E & T C Deptt.)







# BHILAI INSTITUTE OF TECHNOLOGY, DURG DEPARTMENT OF MECHANICAL ENGINEERING MECHANICAL ENGINEERING ASSOCIATION



#### **Event Details**

The state of the s	
Name of the Event	Paper Presentation
Location of The Event	Mechanical Block
Date of the Event	15th September 2022
Total No. of Entries	. 8
Total No. of Participants	5
MEA members Present	9
Teachers Corners	HOD Dr. Shiena Shekhar Dr. Shabana Naz Siddique Mrs. Anjul Rai Dr. Nishant Yadav
Winner	Anubhav Bhatt
Award	"Young Engineer" & Cash Prize of Rs.3000



# BHILAI INSTITUTE OF TECHNOLOGY, DURG DEPARTMENT OF MECHANICAL ENGINEERING MECHANICAL ENGINEERING ASSOCIATION



#### HIGHLIGHTS...



#### Summary

MEA members celebrated Engineers day and organised Paper Presentation Event, on the theme "Smart Engineering For Better World". Event was judged by Dr.Shabana Naz Siddhique ma'am and Dr. Nishant Yadav sir. 5 participants took over the stage for 8 minutes for the presentation and 2 minutes were allotted for Q&A session to each participant. Anubhav Bhatt was declared the winner of the competition and his idea was of "Smart Carbon Capturing".

At the end, the event was concluded by Dr. Devesh Shrivastav Sir with the vote of thanks.

# BHILAI INSTITUTE, OF TECHNOLOGY, DURG CSI Student Chapter, BIT Durg

#### AptiCo (Game of Codes) - Coding Competition

#### **ACTIVITY REPORT**

Name of Department: Computer Science and Engineering

Name of Activity: AptiCo

Type of Activity: Coding Competition

Date/ Duration of Activity: 4 July 2021 / 2 hour

Co-Ordinator of the program: CSI BIT-Durg (Mrs. Monika Verma)

Resource Persons: CSI BIT-Durg: 1) Arsh Chandrakar

2) Harshjot Singh Kambo

3) Saumya Shrivastava

In Collaboration With: CodingBlocks (Arsh Chandrakar)

Brief Report on Activity: In this competition, organisers from CSI BIT Durg, Student Chapter and CodingBlocks conducted a coding competition to help the students for the upcoming Internships and Placement season. The competition tested the student's knowledge and time management skills in implementing Coding, Data Structure & Algorithm and mathematics.

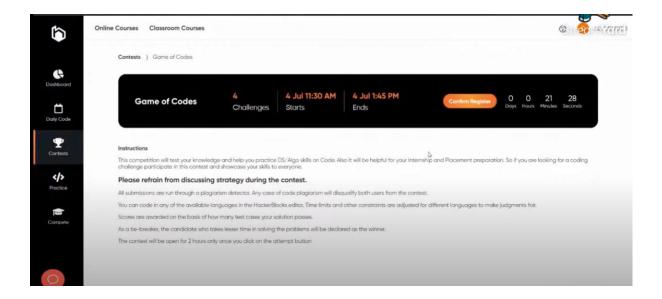
The questions were provided by the CodingBlocks and the test was conducted on HackerBlocks platform. Test instructions were provided in the CodingBlock's website and in the WhatsApp group of AptiCo. For solving queries of participants on the day of competition we made a Google meet and anyone with any kind of query was open to come in the meet our team then handled their queries.

On the day of the test, an introductory session was conducted to help the participants access the website. In the session we also mentioned every instruction regarding the test. In total 112 participants registered for this competition including students from different colleges.

No. of Participant: 45

No. of questions: 4 Questions

Photos of Session:



Problem Easy 100
Chocolate on Sale Dificulty Max Points

Submissions

Martin's friend has a bakery and it was famous for N different varieties of chocolates available.

But one fine day, his friend was giving away chocolates for free. But all offers come with some condition.

So here is the condition- if Martin buys a single chocolate from the bakery, he'll get atmost K chocolates (all of different varieties) for free

If you must use the offer when at the bakery, find the minimum amount of money to spend on buying all the varieties of chocolates.

#### Input Format

**Status: Not Attempted** 

Problem

The first line of the input contains T the number of test cases. Then T testcases follow. Each test case consists of two lines. The first line of each test case contains the values of N and K as described above. Then the next line contains N integers denoting the price of each of the N different chocolates.

#### Constraints

```
1 <= T <= 50

1 <= N <= 1000

0 <= K <= N-1

1 <= A<sub>i</sub> <= 100
```

#### Output Format

For each test case, in a new line, print a single integer denoting the minimum amount of money required to be spent.

#### Sample Input

```
1
4 2
3 2 1 4
```

#### Sample Output

3

Co-ordinator

PAC In-charge

0/100 Pts

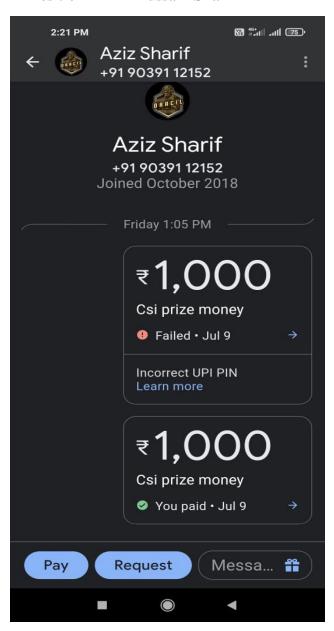
Mrs. Monika Verma

Dr. Anupama Huddar

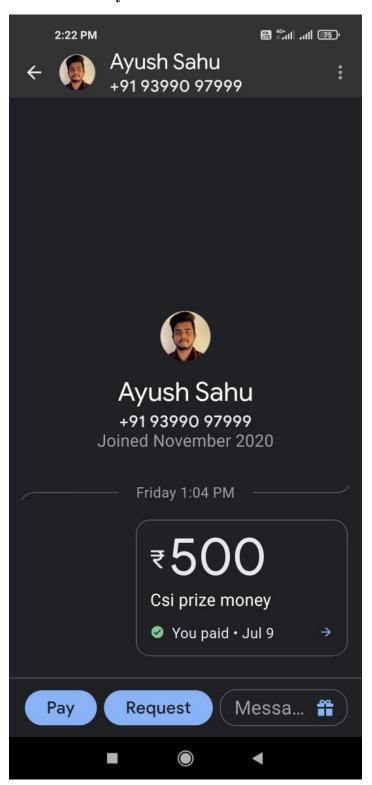
Position	Name	Email ID	Prize Money	Mode of Payment
1	Aziz Hussain Sharif	azizsharif2000@gmail.com	Rs. 1000	Google Pay
2	Ayush Sahu	aaayush.sahu.19@gmail.com	Rs.500	Google Pay

#### Receipt Photos:

#### 1st Position – Aziz Hussain Sharif



#### 2<sup>nd</sup> Position – Ayush Sahu



#### Academic Year 2021-22

# Bhilai Institute of Technology, Durg Department of Electronics & Telecommunication Engineering Arduino Project Competition 2021

#### **List of Arduino Projects**

Group. No.	Title of Arduino Project	URN1	Name of Student 1	URN2	Name of Student 2
G01	Digital Thermometer	30010282007 7	Shruti Dixit	30010282007 8	Shubhangi Panigrahi
G02	Automated Damcel Device	30010282002 1	Dev Krishnani	30010282002 3	Gamak
G03	LED MEMORY GAME	30010282002 9	Kirti Sahu	30010282003 2	Malobika Choudhary
G04	Voice Controlled Car	30010282004 8	SAMEER TIWARI	30010282004 7	Rounak Hussain
G05	Edge avoider robot car	30010282006 4	Vrushali Asodkar	30010282006 3	Vishal Vishwakarma
G06	SMART DUSTBIN	30010282001 2	Ananya mishra	30010282005 9	Suvansh sharma
G07	Arduino pong game	30010282009 3	Givendra Sahu	30010282003 6	Mayank Bhunia
G08	Automatic soap dispenser	30010282005 6	Snehangsu Debnath	30010282005 7	Srishti Rajput
<b>G0</b> 9	Radar System	30010282002 6	Hemang Verma	30010282002 0	D.V.A. Aditya Kumar
G10	Electronic Piano Keyboard	30010282003 3	Manas Dhar Diwan	30010282001 6	Anshul Gadpalliwar
G11	Home automation	30010282004 4	Rithika nair	30010282030 2	Toshika
G12	Motion sensor	30010282001 0	Ameya S Moghe	30010282006 0	Swanand Sanghwai
G13	Servo Distance Indicator	30010282008 4	Rounak Ghosh	30010282007 9	Siddhant Yadav
G14	Obstacle avoiding robot	30010282002 5	Heeral Thakur	30010282001 3	Anish Singh
G15	Automatic vending machine	30010282003 1	M. Venkateshwara Rao	30010282030 3	Vineet Kumai

		T	T		T
G16	Buzz Wire Game	30010282002	KHUSHI SAHA	30010282003 5	Manya Dewangan
		30010282006	JAHA	30010282006	Dewangan
G17	Component tester	8	Yukti Jhawar	6	Yashu Soni
G18	Thirsty flamingo ( soil	30010282006	Aastha	30010282000	Aisha
<u> </u>	moisture detector)	9	Jaiswal	7	Dewangan
G19	Automatic car protect	30010282002 8	Khushi Shukla	30010282003 0	Kritika Singh
630	Arduino Bluetooth	30010282008	Susmita	30010282007	Mohnish
G20	controlled car	1	sahu	4	pratap singh
634	Control in the state of	30010282007	Abhishek	30010282000	Adhikarla
G21	Car parking system	0	Raj	5	Shravani
		30010282005	Sunidhi	30010282006	Yashasvi
G22	Arduino Alarm Clock	8	Choudhary	5	Mishra
		30010282003	Mansi	30010282008	Nikita
G23	Hand sensing car	4	Verma	7	srivastava
	Arduino Traffic Light	30010282004		30010282004	Parag
G24	Controller   4 Way	6	Riya Manik	1	Dewangan
		30010282005	Shivangi	30010282004	Priyanshi
G25	Aurdino game controller	3	Sharma	3	Shrivastava
		30010282000	Aditya	30010282001	Ananya
G26	Water level Monitoring	6	Kumar Singh	1	Chakraborty
	smart garbage disposal	30010282008	PRAYANK	30010282009	Chakiaborty
G27	Robot	5	TIWARI	0	Mansvi bais
	KODOL	30010282004	Samiksha	30010282004	
G28	Smart Class	9	Pathak	5	Ritika Singh
	Cmart Cuitab Haina	30010282001	Palliak	30010282009	Anmal Cinah
G29	Smart Switch Using		Ankur Sinha		Anmol Singh
	Aurdino	4	Nieleant	6	Baghel
G30	Google voice operated	30010282010	Nishant	30010282018	Sarthak S
	Robot	0	Agrawal	9	Dumbare
G31	Self Balancing Robot	30010282009	Naivedya	30010282008	Nihal Singh
	_	4	Sahu	8	
G32	Arduino Bluetooth Car	30010282000	Aman	30010282005	Shashank
	Harden in the second	9	Kumar sahu	0	Agrawal
G33	Hand gesture controlled	30010282008	Shreya	30010282007	Rajnish
	robot	3	Vishwakarma	6	Goswami
G34	Human Following robot	30010282003	MD JAID	30010282007	Mansi bhat
		7		3	
G35	Laser security system	30010282008	Harsh	30010282003	Naman soni
	, , , , , , , , , , , , , , , , , , , ,	2	Sharma	8	
G36	obstacle avoiding robot	30010282002	Devanssh	30010282009	aadish
	_	2	taparia	9	tamaskar
G37	Safety industrial exhaust	30010282009	Khushi sahu	30010282009	Kushal
	fan	2	Kilusili sallu	1	chawda
636	December 1 December 1	30010282005	Charatt C - 1	30010282007	Assistation 1
G38	Password Door lock	4	Shruti Gupta	1	Ayushi Saluja
	Į	l	l		1

G39	Line Following Robot		Aisha Dewangan		Yukta Dewangan
G40	Universal remote control	30010282000	Aryan Soni	30010282001 9	C. Chandrashekha r
G41	Motion sensing alarm	30010282008 0	Smriti Pandey	30010282000 3	Anushka Dhar

**Number of Participants: 82** 

# BHILAI INSTITUTE OF TECHNOLOGY, DURG ACTIVITY REPORT

Name of Department : Electronics & Telecommunication

Name of Activity : Project Competition using C++

Type of Activity : Competition

Date/ Duration of Activity : 11/12/2021

Co-ordinator of the programme : Mrs. Vinni Sharma, Mr. Prabhakar

Resource Person/Judges : Mr. R.M. Potdar, Mrs. Dolly Gautam, Mr.

Reynolds

Details : Department of ETC, BIT Durg organized C++ Project Competition: One day college level Competition based on C++ projects for 3<sup>rd</sup> sem ETC students. There were 44 registrations of students from ETC, BIT DURG.

Awards/Prizes : Certificates were provided to the participants as well as the winners. The prize winners were:

Prize Winners	Name of Students	Title of the Project				
1 <sup>st</sup>	Mayank Bhunia, MD Jaid	Library management System				
2 <sup>nd</sup>	Kirti Sahu, Mansi Bhatt	Racing Game				
3 <sup>rd</sup>	Mansi Verma, Shubham lakhani	Flappy bird				

# Department of Electronics & Telecommunication, BIT, Durg.

B.E. 3 " Semester Electronics & Telecommunication Assessment of C++ Projects 2021

12	12	10	9	00	7	c)	U	4	tu	2	1		Group No.
134 5	34,43 F	127,42	122,46	132,51	109,35	104,50	110,47	J12, 32,	J17, 24	125,38	J16,19		Roll Nos.
Shivangi Sharma	Rajnish Goswami, Siddhant Yadav	Mansi Verma, Shubham lakhani	Khushi Shukla, Susmita Sahu	Vrushali Asodkar, Parag Dewangan	Riya Manik, Ananya Chakraborty	Vishal Vishwakarma, Abhishek Raj	Suvansh Sharma, Ananya Mishra	Samiksha Pathak, Naivedya Sahu	Venkteshwar Rao Nihal Singh	Manas Dhar Diwan, Sameer Tiwari	Kirti Sahu, Mansi Bhatt		s. Name of Students
Food Ordering	Phonebook Management system	Flappy bird	Fortune teller	Sudoku game	Super Market Billing	Car Racing Game	Snake game	Grocery store management	Railway Registration System	Tik-Tac-Toe Game	Racing Game		Title of Project
~	V	4	4	W	7	W	V	4	√,	$\vee$	7	MM:5	Technical Understanding
4	N	4	5	72	W	4	W	4	2	W	4	MM:5	Presentation Skills
2	V	4	V	7	2	3	N	1	4	r	4	MM:5	(w/pw/nw)
4	5	7	7	2	V	4	V	2	1	7	t	MM:5	Queries
16	(a)	76(1)	16	13	i y	41	12_	12	0	7(	(81)	20	Over All Performance





B.E.  $3^{\rm rd}$  Semester Electronics & Telecommunication Assessment of C++ Projects 2021 Department of Electronics & Telecommunication, BIT, Durg.

21	20	19	18	17	16	15	14	13		Group No.	
J 35,44	106,23	105,12	129,40	116,33	137,41	117,44	J 21,2	120,5	-	P Roll Nos.	
ngan	Aditya Kumar Singh, Kritika Singh	Adhikarla Shravani, Anshul Gadpalliwar	Nikita Srivastava, Shivam Joshi	Bhupesh Kumar Dewangan, Prayank Tiwari	Shreya Vishwakarma, Rounak Hussain	Snehangsu Debnath, D.V.A Aditya	Mayank Bhunia, MD Jaid	2 Hemang verma, Vineet Kumar		os. Name of Students	
Banking System	Database of green plants	Car rental system	Hospital management system	KBC game	Digital piano	Menu Driven Calculator	Library management System	Shop billing system		Title of Project	
4	V	3	\J	2	2	4	4	4	MM:5	Technical Understanding	
7	2	N	رديا	2	r	\ <u>\</u>	5	V	MM:5	Presentation Skills	
2	2	2	6	7	4	2	5	2	MM:5	Working (W/PW/NW)	
W	~	2	W	2	W	4	5	4	MM:5	Queries	
13	00	=	W	16	16	û (	(6)	13	20	Over All Performance	
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9     I 05,12     Adhikarla Shravani, Anshul Gadpalliwar     Car rental system     3     2     2     4     3     1       1     J 35,44     Shruti Dixit, Yukta Dewangan     Banking System     4     2     2     2     1     0</td><td>14     J 21,22     Mayank Bhunia, MD Jaid     Library management     4     5     5     ()       15     I 17,44     Snehangsu Debnath, D.V.A Aditya     Menu Driven Calculator     4     3     2     4     ()       16     I 37,41     Shreya Vishwakarma, Rounak Hussain     Digital piano     4     4     4     5     3     1       17     I 16,33     Bhupesh Kumar Dewangan, Rounak Hussain     KBC game     4     4     4     4     5     3     1       8     I 29,40     Nikita Srivastava, Prayank Tiwari     Hospital management     4     4     4     4     4     5     3     1       9     I 05,12     Adhikarla Shravani, Ashul Gadpalliwar     Hospital management     3     2     3     4     3     2     3     1       1     I 06,23     Aritika Singh, Kumar Singh, Yukta Dewangan  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Kumar Dewangan, Prayank Tiwari     KBC game     Q     Q     Q     Q     Q     Q     Q     Q     Q     Q     Q     Q     Q     I       8     129,40     Nikita Srivastava, Shivam Joshi     Hospital management System     Paystem     Paystem	15     I 17,44     Snehangsu Debnath, D.V.A Aditya     Menu Driven Calculator     4     3     2     4     (       16     I 37,41     Shreya Vishwakarma, Digital piano     4     4     4     4     5     3     1       17     I 16,33     Bhupesh Kumar Dewangan, Prayank Tiwari     KBC game     4     4     4     4     4     5     3     1       8     I 29,40     Nikita Srivastava, Shivam Joshi     Hospital management     3     3     4     3     1       9     I 05,12     Adhikarla Shravani, Anshul Gadpalliwar     Car rental system     3     2     2     4     3     1       1     J 35,44     Shruti Dixit, Yukta Dewangan     Banking System     4     2     2     2     1     0	14     J 21,22     Mayank Bhunia, MD Jaid     Library management     4     5     5     () 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#### **Project Making Competition (C++)**

11th December, 2021.

organized by

#### **Department of Electronics & Tele-Communication**

#### **Certificate of Merit**

This certificate is awarded to Mr./Ms. Mansi Verma, student of 3rd Semester, Department of Electronics & Telecommunication Engineering, for making a Very Good Project in C++ and securing 3rd Position in the Project Making Competition.

Mr. Prabhakar Prof. I/C Computer Programming lab Mrs. Vinni Sharma Prof. I/C Computer Programming lab Dr. Naveen Kumar Dewangan
HOD (E&TC Engg. Dept.)







#### Department of Mechanical Engineering BHILAI INSTITUTE, OF TECHNOLOGY, DUIRG (An Autonomous Institute)

#### **ACTIVITY REPORT**

Name of Department : Mechanical Engineering

Name of Activity: Webinar on Vocational Training

Type of Activity : One Day Webinar

Date/ Duration of Activity: 23/Apr/2022 One Day

Co-ordinator of the program : Dr Devesh Shrivastava

#### **Brief Report on Activity:**

On April 23, 2022 (Saturday) The Mechanical Department of B.I.T Durg hosted a 'One Day Webinar' on "Vocational Training", under the auspicious guidance of H.O.D Mechanical Dr.Shiena Shekhar & Associate Professor Dr. Devesh Shrivastava. The honorary speaker for the event Mr. Rahul Tripathi (COO, CAD Academy, Bhilai) thoroughly explained the students about the subject of CAD and the academy. The focus of the webinar was on the information related to courses and training programmes offered by the experts at CAD Academy, Bhilai. It also revolved around the importance of learning CAD in mechanical engineering. The event began at 2:30 pm and witnessed the overwhelming participation of 62 students from the mechanical engineering branch from 4th to speaker clarified various doubts raised by the students. The immense response and participation by students led to smooth conduction of the webinar.

No. of Participants: 62

Co-ordinator

Head of the Department

#### **POSTER**

#### **ONLINE WEBINAR**

# VOCATIONAL TRAINING

Get Information about the training programs offered by the experts from CAD Academy Bhilai.

SATURDAY, 23 APRIL

02:30 PM



Contact Narottam Bhonsle 9993421657

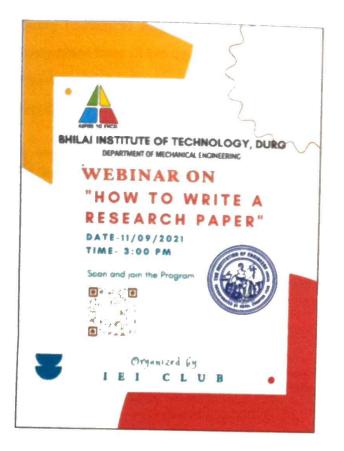
WWW.CADACADEMYCG.COM

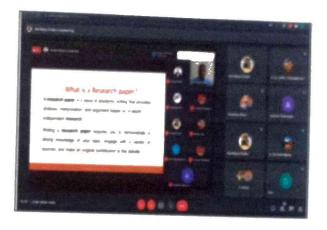
# DEPARTMENT OF MECHANICAL ENGINEERING

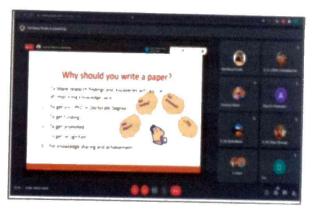
# INSTITUTION OF ENGINEERS (INDIA) CLUB ACTIVITY

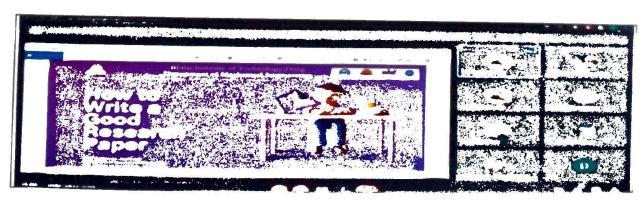
DATE-11-09-2021

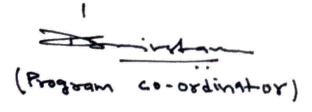
## EVENT- WEBINAR ON HOW TO WRITE A GOOD RESEARCH PAPER"













HOD

#### Department of Mechanical Engineering BHILAI INSTITUTE, OF TECHNOLOGY, DUIRG (An Autonomous Institute)

#### ACTIVITY REPORT

Name of Department

: - Mechanical Engineering

Name of Activity

: Introduction to Python Programming

Type of Activity

: Student Development Program (SDP)

Date/ Duration of Activity

: 29/Dec/2021 One Day

Co-ordinator of the program

: Dr Devesh Shrivastava

Brief Report on Activity: -On 29/12/21, The Mechanical Department of B.I.T Durg hosted a Webinar on "Introduction To Python Programming", under the Auspicious guidance of H.O.D Mechanical "Dr.Shiena Shekhar" & Associate Professor "Dr. Devesh Shrivastava". The honorary Speaker "Mr. Raghul Poopathi", Asst. Professor, SNS College of Technology, thoroughly elaborated the "Importance & Use of Python language in the Daily Life". The Event Began at 1:30pm with the Welcome Speech given by "Avinash Sharma", final year undergraduate student.

Mechanical Student does not require coding, to learn coding takes a lot of time, Coding is meant for CS/IT students only, such myths were highlighted & eradicated by the guidance of sir, followed by explaining Tools which will help in Learning Python. The Event witnessed the Overwhelming participation of 60+ Mechanical Students throughout the event. The QNA Session was also going on simultaneously with smooth conduction of the webinar.

At last "The Vote of Thanks" was addressed by "Prakhar Shrivastava", final year undergraduate

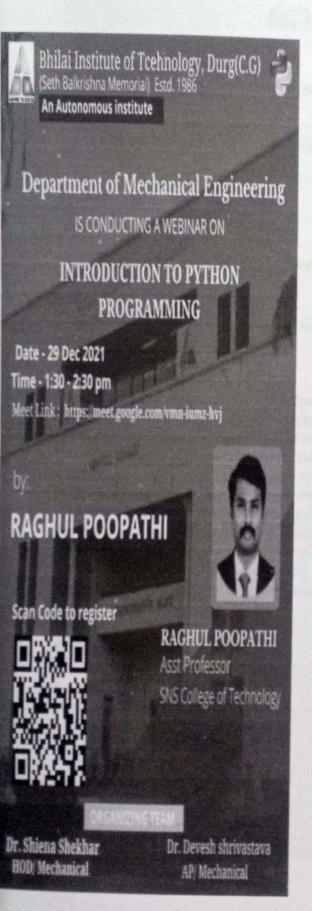
No. of Participant

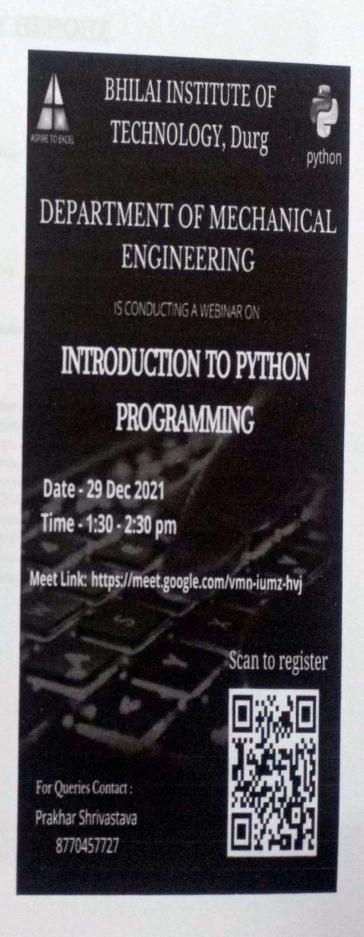
: 77

Co-ordinator

Head of the Department

#### **POSTERS POSTERS**





# BHILAI INSTITUTE OF TECHNOLOGY, DURG CSI Student Chapter, BIT Durg

#### Workshop on Data Structures and Algorithm

#### ACTIVITY REPORT

Name of Resource Person - Monisha Ashraf

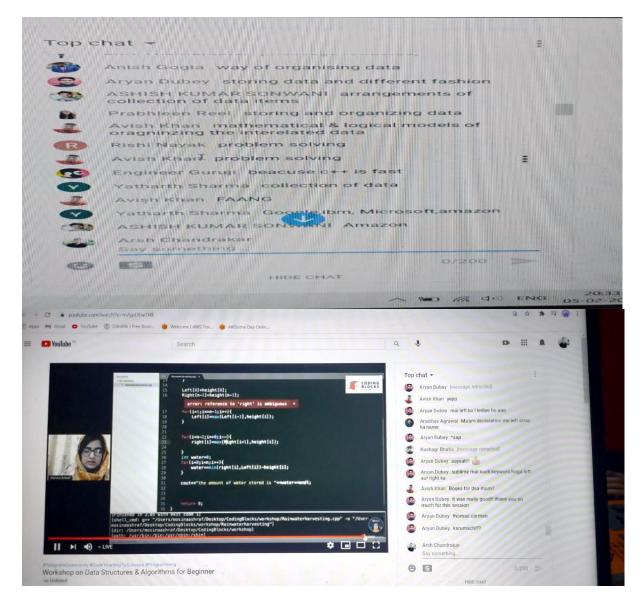
**DATE**: 05 Feb 2021

**Target Audience** - 1st, 2nd & 3rd year students of B.E./B.Tech

Content Covered - Data Structures for Beginners with problem solving

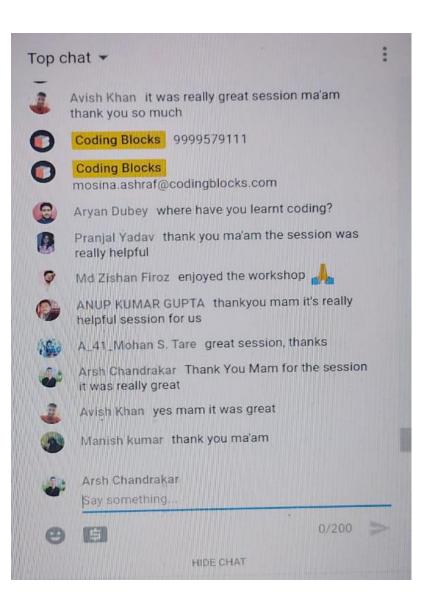
- 1. We discussed the topics like what is data structure and why is it necessary?
- 2. Also, some interesting questions such as which DS does Google Maps use and many more.
- 3. How to start studying it, where we can learn more about it other than college, books preference etc.
- 4. Solved questions using Data Structures from Hacker Blocks.





**Duration** - 2 hours (7pm to 9pm)

#### Feedback of Students -



## BHILAI INSTITUTE, OF TECHNOLOGY, DUIRG

#### **ACTIVITY REPORT**

Name of Department

Electrical and Electronics Engineering

Name of Activity

Creat- A-Thon

Type of Activity

Co-curricular

Date/ Duration of Activity

20 November, 2021 Duration7Days hours

Co-ordinator of the programme

Dr Nagendra Tripathi ,MrMukeshKu.Chandrakar

Resource person/Judges

Mr Honey Bhagya (Trainer)

Dr ArunSahu( Judge- 1) MrSarangPitale(Judge-2)

Brief Report on Activity

:1. To inculcate skill of filter designing for multimedia application Creat- A-Thon was organized by

EEESA in ONLINE mode.

2. 185 students from different disciple of the Institute

participated in the event.

3. Special hands-on session was conducted to make students familiar with Filter / Effect designing

following all COVID protocol.

No. of Participant

:185

Details Awards /Prizes

: Winner -Mr Ishaan Chandrakar, 5th Sem, EEE

Trophy + Rs 1100/- cash + Certificate of Merit

Runner - Akshay Sharma, 5th Sem, EEE Trophy + Rs 700/- cash + Certificate of Merit All the student who submitted project were

awarded with the "Certificate of Participation"

by EEESA, EEE Department, BIT, Durg

Sponsor / in-Collaboration with

SPARK-AR ( A tool room of Facebook)

Dr Surekha Bhusnur Head of Department

Prepared by:

Dr Nagendra Tripathi

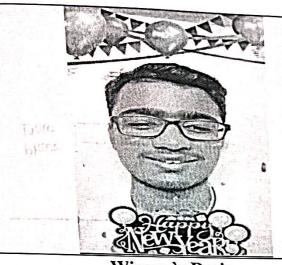
MrMukesh Kumar Chandrakar

PHICY I L'ELLI I LL Page 1 of 2 CH LOY OCA DOKC Department of Electrical & Licetronica Lugin sering

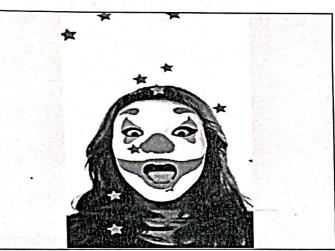
BANIMING LAB (MAT LAB)

Session 2017-18

# Photographs of Event: Creat-A-Thon by EEESA, 20 November, 2021



Winner's Design Mr Ishaan Chandrakar, 5<sup>th</sup>Sem, EEE



Runner's Design Mr Akshay Sharma, 5<sup>th</sup>Sem, EEE

(MAT LABILABORATORY in due course of time-

Dais is to cortify that Mr. /Ms. SARAMS CHOUREY of B.L. Third seme ter.
University Roll Number: 200102516040 of ELECTRICAL & FLECTROMICS
ENGINEERING has successful completed the practical of FROGRAFIAITAG LAB

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OFFICIAL OF COMPANY

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## Bhilai Institue of Technology, Durg(CG) (Seth Balkrishan Memorial) Estd.1986

An Autonomous Institute







Department of Mechanical Engineering presents a

HOW TO WRITE A GOOD RESEARCH PAPER

by:

Dr. M Elangovan

Professor Department of Mechanical Engineering SNS College of Technology, Coimbatore





Retired Professor Department of Mechanical Engineering Amrita Vishwa Vidyapeetham University

ORGANIZING TEAM

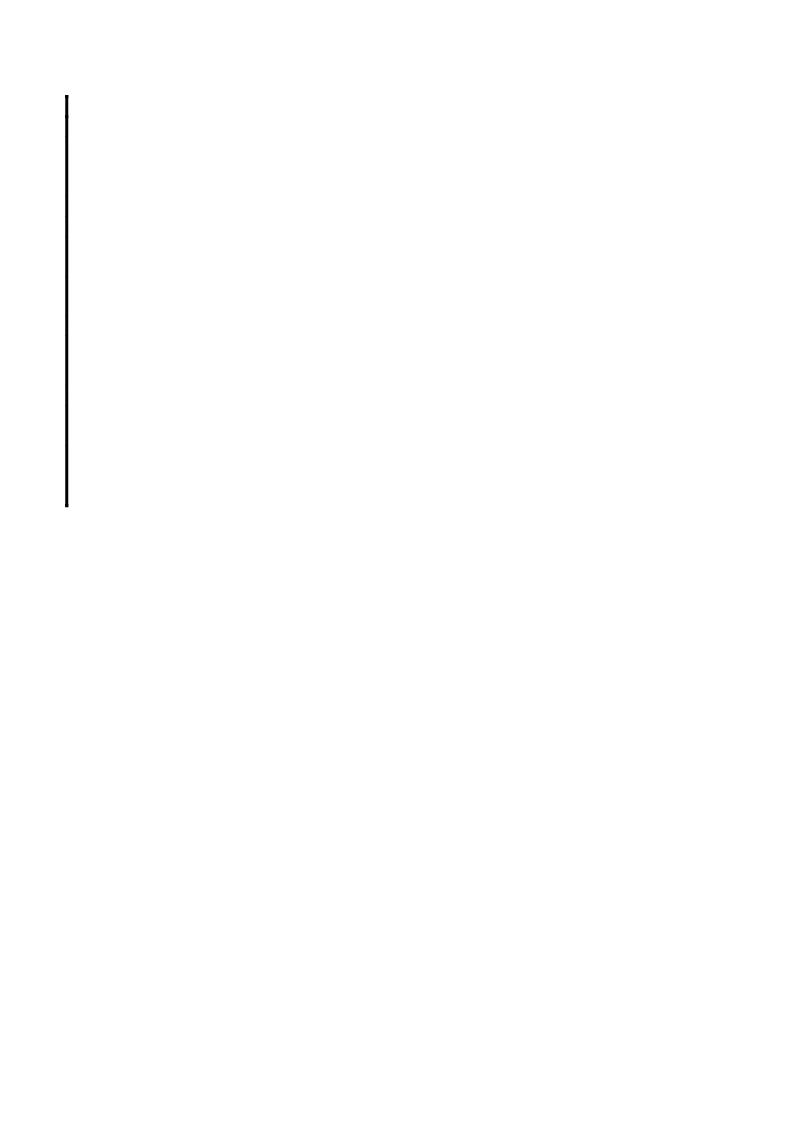
Dr. Shiena Shekhar HOD/ Mechanical

Dr. M K Pal P/ Mechanical

Dr. Devesh Shrivastava AP/ Mechanical

## One day Workshop on Python - 22 June 2019

Timing	Description of the Session	Session type
9.00 AM - 9.30 AM	Connect online on A-VIEW and testing session	
9.30 AM - 10.00 AM	Inaugural Session: Overview of the project and workshop, conduct of the workshop, answering through Forum, efficacy of the method, etc.	Online through A-VIEW
10.00 AM - 10.30 AM	Interaction with Remote Centres	
10.30 AM – 10.45 AM	Tea Break	
10.45 AM - 12.30 PM	Self Learning of Python using Spoken Tutorials	At Remote Centres
12.30 PM - 1.00 PM	Interaction with Remote centers	Online through A-VIEW
1.00 PM - 2.00 PM	Lunch Break	
2.00 PM- 3.45 PM	Python Learning (contd.)	At Remote Centres
3.45 PM- 4.00 PM	Tea Break	
4.00 PM- 5.00 PM	Python Learning (contd.)	At Remote Centres
5.00 PM - 6.00 PM	Interaction with Remote Centres and Valedictory Session	Online through A-VIEW



## Bhilai Institute of Technology, Durg (C.G.)

Department of Computer Science & Engineering

One Day Workshop on SciLAB

(04 May 2019)

#### **PROGRAM REPORT**

A one day workshop was conducted by IIT Bombay on the amazing open source software Scilab, on Saturday, 4 May 2019. 15 teachers/faculty registered for the workshop from our Remote Centre: Bhilai Institute of Technology, Durg (RC ID: 1166) participated in this workshop. This workshop was organised by the Teaching Learning Centre (ICT) at IIT Bombay, established by the 'Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching' (PMMMNMTT), an initiative of the Ministry of Human Resource Development (MHRD), Government of India.

The workshop was conducted online through A-VIEW software and 10 participants received participation certificates.

Dr. Arpana Rawal

Program Coordinator

Remote Center Coordinator

## Bhilai Institute of Technology, Durg (C.G.)

Department of Computer Science & Engineering

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Dr. Arpana Rawal

Program Coordinator

Remote Center Coordinator

"Chaitali Choudhary" <chaitali choudhary@bitdurg ac in> From:

To: sudip.bhattacharva@bitdurg.ac.ir

Date: 11/2/2021 3:41:06 AM

Subject: Fwd: Industry Ready Program Based Training Course(15 days) from 1stjuly to 14th july

----- Forwarded message ------

From: Chaitali Choudhary <a href="mailto:choudhary@bitdurg.ac.ir">chaitali.choudhary@bitdurg.ac.ir</a> >

Date: Fri, 28 Jun 2019, 2:41 pm

Subject: Industry Ready Program Based Training Course(15 days) from 1st july to 14th july

To: <chaitali.choudhary@gmail.com

Hello Everyone,

Computer science department is organizing 15 days training program for 6th and 4th semester students from 1st july 2019 to 14th july 2019 covering latest industry oriented subjects like: Android, No-SQL, IOT and Python, which will be taught by following CSE department faculty. There will be a 250/- Rs fees for the complete course(All the 4 courses) and certificates will be issued on successful completion of training.

Some of the students are interested in some of the courses so please select the courses you all want to opt for.

Interested students must fill the google form link given below:

https://docs.google.com/forms/d/e/1FAlpOLScGhp7kw9FR0FeoeTag59Y07HLRa6cUav50MG9\_70thlaYUXa viewform?usp=sf Ink

Android & Python: Prof. Chaitali Choudhary

No-SQL: Prof. Sudip Bhattacharya

IOT: Prof. Sargam Gupta

Date: 1st July to 15th July Timing: 10.00 AM to 01.00 PM

& 02.00 PM to 05.00 PM

NOTE: 35 seats on first come first serve basis(20 filled till date)



Department of Computer Science & Engineering



No: BIT, Durg/2019/

## Certificate of Participation

This is to certify that Mr./Ms.	of
B.ESemester (Computer Science & Engineering) has done 15 days Training &	rogramme
under Industry Ready Initiative on "IoT / No →SQL/Node JS/ Cloud Computing/ Python,	'Android"
organized by the department of Computer Science and Engineering, BIT - Durg from 1	st July to
14 July 2019.	

We appreciate his/her participation. We wish him/her success in all future endeavours.

Dr. ARUN ARORA PRINCIPAL BIT, DURG Dr. (Mrs.) M.V. PADMAVATI HOD ( COMPUTER SCIENCE & ENGG.) BIT, DURG





Department of Computer Science & Engineering



No: BIT, Durg/2019/

## Certificate of Participation

This is to certify that Mr./Ms. MOHNISH GUPTA of
B.E 6 th Semester (Computer Science & Engineering) has done 15 days Training Programme
under Industry Ready Initiative on "IoT/No - SQL/Node JS/Cloud Computing/Python/Android"
organized by the department of Computer Science and Engineering, BIT - Durg from 1st July to
14 July 2019.

We appreciate his/her participation. We wish him/her success in all future endeavours.

Dr. ARUN ARORA PRINCIPAL BIT, DURG Dr. (Mrs.) M.V. PADMAVATI HOD ( COMPUTER SCIENCE & ENGG.) BIT, DURG





Department of Computer Science & Engineering



No: BIT, Durg/2019/9

## Certificate of Participation

This is to certify that Mr./Ms. AMIT SWARNKAR of
B.E. 6th Semester (Computer Science & Engineering) has done 15 days Training Programme
under Industry Ready Initiative on "IoT / No - SQL/Node IS/ Cloud Computing/ Python/ Android"
organized by the department of Computer Science and Engineering, BIT - Durg from 1st July to
14 July 2019.

We appreciate his/her participation. We wish him/her success in all future endeavours.

DE-ARON ARORA PRINCIPAL BIT, DURG

Dr. (Mrs.) M.V. PADMAVATI HOD ( COMPUTER SCIENCE & ENGG.) BIT, DURG



भिलाई प्रौद्योगिकी संस्थान, दुर्ग

(Seth Balkrishan Memorial)

Approved by AICTE, New Delhi, Affiliated to CSVTU, Bhilai
Major UG Courses Accredited by NBA
Accredited by NAAC With "A" Grade
An ISO 9001:2015 Certified Institution
NIRF-2018 Rank Band 151-200

Certificate of Appreciation

Date: 27/09/2019

The Department of Computer Applications, Bhilai Institute of Technology, Durg appreciates the efforts of Mr. Sudip Bhattacharya, Associate Professor, CSE Dept., Bhilai Institute of Technology, Durg, for actively and enthusiastically conducting the Workshop "Cloud Computing on AWS Platform" on 25th and 27th Sept 2019 for the students of MCA.

Workshop and Hands on Training on the above topic has enlightened the students of MCA for continuing innovations and exploring the tools & technologies of Cloud Computing and using the services of AWS.

Dr. (Mrs) Sunita Soni

Head

Deptt. of Computer Applications

## MCA - Cloud Computing Workshop on AWS platform

Agenda for Day - 1

- 1. Launching a Linux (Ubuntu) VM using EC2 Service
  - a. Managing Private-Public Key Pairs
- 2. Configuring Security Groups Inbound Rules using Protocol, IPAddress and Ports
- Remote Login into VM using SSH (Gitbash / Windows)
- Installing and using a software on Remote VM C., JDK, Node etc. using package managers like sudo, npm.
- 5. Using SCP
  - a. File Copy Local to Remote and Remote to Local
  - Exercise on File Copy from Remote to Remote (Ubuntu SUSE VMs at different zones)

Date: 25th Sep 2019

- c. Recursive Directory Copy from Local to Remote and Remote to Local
- 6. Using SSH Client Putty
  - a. Generating key using PuttyGen
- 7. Launching a Windows VM
  - a. Remote login to Windows VM using RDP/mstsc
- 8. Using the S3 Storage as a Service
  - a. Creating Buckets and Uploading
  - b. Using S3 Bucket for Static Web Hosting
- 9. Introduction to Terminology used in Distributed Databases
  - a. Scaling up versus Scaling out
  - b. Data Base Hotspots and Load Balancing
  - c. Consistent Hashing Algorithms for Scaling Out
  - d. Content Delivery Networks like Akamai and Cloud -Front
  - e. Fail-Over Management Single Point of Failure Designs

#### **ACTIVITY REPORT**

Name of Department

Electrical and Electronics Engineering

Name of Activity

Aptitude Test

PLACENARIO: Mock Placement Event

Type of Activity

Co-curricular

Date/ Duration of Activity

24-25 January 2020; Duration: 2 Days

Co-ordinator of the programme

Dr Surekha Bhusnur, Mr. Mukesh Ku. Chandrakar

Resource person/Judges

24th January- Dr. Ani Thomas

25th January - Dr. Partha Roy, 160

Dr. Daljeet Singh Wadhwa

apala The apaeth Dr. Anjana Shekhar

Brief Report on Activity on 146: The main objective of the event is to train the students for placement activities by conducting written test to gauge technical knowledge and personal interview for judge overall performance.

No. of Participants

up the collinections as in lique.

Details Awards / Prizes Diagonal Schu, EEE

Momento + Certificate of Merit

Runner Abhilash Jacob, EEE HI

Momento + Certificate of Merit

All the students who participated were awarded with the "Certificate of Participation" by EEESA,

EEE Department, BIT, Durg

Sponsor / in-Collaboration with

BIT Durg, Student Association EEE

Dr Anup Mishra Head of Department

Prepared by:

Dr Surekha Bhusnur

MrMukesh Kumar Chandrakar

Page 1 of 2





## **Academic Year 2019-20**

## BHILAI INSTITUTE OF TECHNOLOGY, DURG (C.G.) DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING Arduino Project Title List

BE-III Semester - 2019

Grou	CR N	URN	NAME OF STUDENT	Project Title
p No.		20040204004		
	B-1 9	30010281804 6	AGNEY DESHKAR	Home Security Sensor with
1	B-4 2	30010281809 6	RITIK SINHA	Ultrasonic Sensor
	B-4 8	30010281810 8	MEGHA YADAV	
2	B-3 3	30010281807 6	CHHAVI MISHRA	- Tachometer
	A-3 8	30010281808 1	SAMRUDDHI RAJDHAR	2 12 11
3	A-4 5	30010281809 5	ADITI DEWANGAN	- Smart Dustbin
4	A-3 5	30010281807 5	ARPIT SAHU	Voice Command Chatagle Assisting
4	A-4 2	30010281808 9	SUDHANSHU YADAV	Voice Command Obstacle Avoiding
5	A-2 4	30010281805 1	ABHISHEK CHUGH	Colour Detector
5	A-1 0	30010281801 9	DHAIRYA KUMAR SONI	Colour Detector
6	A-2 8	30010281805 9	SHUBHARANGSHU CHAKRABORTY	Gloves for Blind People
6	A-4 8	30010281810 1	SHUCHI AGRAWAL	Gloves for Billiu People
7	A-4 6	30010281809 7	SHAMBHAVI TRIPATHI	Digital Thormometer using Arduine
'	A-0 5	30010281800 9	T JAHNAVI	Digital Thermometer using Arduino
	A-2 2	30010281804 5	GARGI SINGH	Line Follower Robot
8	A-3 1	30010281806 5	AKANKSHA PATIL	
	A-0 4	30010281800 7	SHYAM AGRAWAL	OLED Thermometer and
9	A-5 7	30010281811 9	AKSHAY VENKATA KOTRA	Hygrometer

	۸.4	20040204002		T
10	A-1 4	30010281802 9	SHRUTI TRIPATHY	Fingerprint Door Lock Unlock
10	A-2 1	30010281804 3	UNNATI SRIRAM	System
44	B-1 1	30010281802 4	VIGNESH KUMAR SINGH	A. da maratica W. da minara O carta ma
11	B-5 7	30010251800 6	NIKHIL MISHRA	Automatic Watering System
	B-2 7	30010281806 4	AKHILESH KUMAR PRAJAPATI	Hand Gesture Recognition for
12	A-1 6	30010281803	SAMEER GUPTA	controlling Home Appliances
	A-1	30010281802	AAYUSHI GOPAWAR	
13	4 A-4	9 30010281809	KHUSHBOO SINGH	Automatic Water Dispenser
	7 B-4	9 30010281810	oshboo shtdii	
14	7	6	VANSHIKA PANDEY	Arduino Smart Blind Stick
'4	B-0 6	30010281801 4	MONA PATEL	Ardunio Smart Bind Stick
	B-2	30010281805	NAMIT RATHOD	
15	4 B-2	6 30010281806		Fire Alarm System
	6	2	NEELAM DAGESHWAR RAO	
	B-0 3	30010281800 8	ANSHU KUMARI	
16	B-0	30010281801	KHUSBOO	Smartphone Arduino 4WD Robot
	5 B-1	2 30010281802	PRIYA SAHU	_ Car
	0 B-4	2 30010281809		
17	3	8	PRIYA JHA	Remote Control for Home
''	B-3 0	30010281807 0	ANSHU YADAV	Appliances
	B-2 8	30010281806	MUSKAN DUBEY	
18	B-2	6 30010281806	BHUMIKA PATEL	Smart Phone Charging Controller
	9 A-3	8 30010281807		
	3	1	KUMARI SHUBHANGI	1
19	A-3 4	30010281807 3		Robot Car Controlled by Hand Gesture
	A-4	30010281810	TANMAY SONI	
	9 B-5	3 30010281811	IVIII DEED DATE!	
20	0	2	KULDEEP PATEL	Solar Tracker using Arduino

	B-1 4	30010281803 6	DAYASAGAR	
	B-4	30010281809	NITIKA SINGH	
21	1 B-1	4 30010281803		Personal Security System
	2	2	SHIWANI MISHRA	
22	A-6 0	30010251801 2	VAIBHAV GUPTA	House Automation
22	A-0 8	30010281801 5	PRASHANT GUPTA	House Automation
	B-1 3	30010281803 4	VANSHIKA AGRAWAL	
23	B-3 6	30010281808	PRERNA SAHU	Servo Sync Motor with LDR
	B-4	30010281810	RASHI ROYCHOUDHURY	-
	6 A-4	30010281808	GARIMA MALVIYA	
24	1 A-4	7 30010281809	NEHA LAUTRE	Temperature Controlled Fan
	3 B-4	1 30010281811	NEIW BIOTHE	
25	9	0	GURMAN SINGH BAKSHI	Theft Alarming System
25	A-0 7	30010281801 3	NISHA YADAV	Their Alaming Oystem
	B-0	30010281801	KASHISH JADWANI	
26	7 B-1	6 30010281804	KASHISH JADWANI	Parking System using Arduino
	7	2	RIYA DESHMUKH	
	B-2 0	30010281804 8	AMISHA MISHRA	
27	A-2	30010281804	RADHIKA KULKARNI	Laser Security System
	3 B-5	9 30010281811	DALILLI DADCENA	
28	1	4	RAHUL DADSENA	Smart Car
	B-6 1	PR - 03	JAYESH GULHANE	
	B-5 5	30010371805 3	LOMASH KUMAR CHANDRAKER	
29	B-5 6	30010251801 9	VIVEK SINGH PATEL	Ultra sonic Range Finder
	B-2 3	30010281805 4	HIMANSHU SEN	Computer Function Controlling Using Hand Gesture
30	B-2	30010281805	AMAN KUMAR MANDAL	
	B-1	0 30010281803	AYUSH KUMAR CHANDRAKAR	
31	5	8		Arduino Radar

	B-2 5	30010281805 8	BHOOPESH VERMA	
32	B-3 4	30010281807 8	ADARSH BABU	Rear Parking Sensor
32	B-3 7	30010281808 6	SHUBHAM KUMAR	Real Falking Selisor
33	A-0 6	30010281801 1	CH.V.SAI NIKHIL	Arduino Whistle Detector Switch
33	A-0 3	30010281800 5	GAURAV DEWANGAN	using Sound Sensor
34	A-3 2	30010281806 7	ABHINAV SHARMA	Arduino Distance Measuring
34	A-5 6	30010281811 7	SOHEL AHMED KHAN	Device
25	A-1 8	30010281803 7	C NAG PAAVAN SHARMA	Automotic Room Light Controller
35	A-1 2	30010281802 3	DEEPAK CHANDRA	Automatic Room Light Controller
26	A-1 7	30010281803 5	SRISHTI SAHU	Medicine Remainder Using
36	A-3 7	30010281807 9	MANPREET SANDO	Arduino
27	B-0 8	30010281801 8	ANAMIKA KAIWART	Matel Data de musica a Andria
37	B-2 2	30010281805 2	PANKHUDI SINGH	Metal Detector using Arduino
00	B-4 4	30010281810 0	DHAWAL JOSHI	Total Consult Consultan
38	B-3 2	30010281807 4	ABHISHEK BHOOSHAN	Text to Speech Converter
20	A-2 9	30010281806 1	PRIYANSH PANDYA	Audino Controllo I Bonos Cottat
39	A-3 0	30010281806 3	VIKAS GUPTA	Arduino Controlled Power Outlet
40	A-5 1	30010281810 7	SHUBHAM GOPALA	Automation Basilian Contr
40	B-1 6	30010281804 0	NILESH KUMAR DAS	Automating Parking System
4.4	A-1 3	30010281802 5	RITESH CHAUHAN	F
41	B-1 8	30010281804 4	ROHAN MARKANDEY	Earthquake Detector
	A-4 0	30010281808	RACHIT SHARMA	
42	A-5 9	30010241810 1	PIYUSH GUPTA	Touch Plate

		I	T	
	A-3	30010281808	JACOB JOY	
43	9	3		LED Light Controller
	A-5	30010281810	VIVEK GHOSH	_
	2	9		
	A-5	30010331802	SUNIDHI RAWAT	
44	8 A-5	1 30010281810		Student Attendance System
	A-5 0	5	SIDDHI SHARMA	
	A-2	30010281805		
	5	3	MUKUL ANAND SINGH	
45	A-2	30010281804		Digital Voltmeter
	0	1	ABHISHEK SAHU	
	B-3	30010281809		
	9	0	KUNAL RAJ	<b>-</b>
46	B-6			Bluetooth Car
	0	PR - 02	SIDDHANT MESHRAM	
	A-1	30010281802	AVAVDIJECI I VIJAAA D	
47	1	1	AWDHESH KUMAR	Health Monitoring Dovice
47	B-5	30010281811	B SAI SHUBHAM	Health Monitoring Device
	3	8	B SAI SHOBHAIVI	
	A-0	30010281800	GAURI MANTRI	
48	1	1	GAORIWANTKI	Pulse Detector
	A-0	30010281801	SHIVANGI SHARMA	1 4.00 20.000
	9	7		
	A-2	30010281805	AYUSH DEWANGAN	
49	6	5		Self Balancing Robot
	B-3	30010281808	ROHIT KUMAR RAI	_
	8 B-0	8 30010281800		
	В-0 1	2	SANSKAR SHRIVASTAVA	
50	B-3	30010281808		Digital Clock
	5	2	YOGESH PATEL	
	A-0	30010281800		
_,	2	3	SRINIVAS METTA	Arduino Wattmeter-Measure
51	A-2	30010281805	DALIU DATE	Voltage, Current & Power Consumption
	7	7	RAHUL PATEL	Oonsumpuon
	B-3	30010281807	DAULII CHADAAA	
52	1	2	RAHUL SHARMA	Electronic Voting Machine
52	B-5	30010281812	SAMEER KANNOJE	Liectionic voting Macinile
	4	0	SAIVIEER KAININUJE	
	B-4	30010281810	VISHAL SANDILYA  GAUTAM JYOTISHI	
53	5	2		Traffic light Controller
	B-6			
<u> </u>	2			
_	B-4	30010281809	HIBA ARIF	
54	0	2		Traffic light Controller

	-5 9 PR - 01	SIMRAN SHRIVASTAV	
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Prof. Incharge Prof. Kiran Dewangan Dr. Naveen Kumar Dewangan Prof. & HOD (E& TC)

**Number of Participants: 111** 

## Bhilai Institute of Technology, Durg

## **Department of Electronics & Telecommunication**

Date: 7/11/2019

## **Notice**

All the students of BE 3<sup>rd</sup> Semester Electronics & Telecommunication are hereby informed that the Department is organizing an "ARDUINO PROJECT COMPETITION" on 14 November, 2019 (Thursday) at 10:00 am.

Students are required to report timely in the respective venue according to their group numbers:

Sr. No.	Group No.	Venue
1	1-18	Digital Lab (EXF-17)
2	19-36	EXF-19
3	37-54	EXF-21

Prof. Incharge
Prof. Kiran Dewangan

Dr. Naveen Kumar Dewangan Prof. & HOD (E& TC)



#### **ACTIVITY REPORT**

Name of Department : Information Technology

Name of Activity : "Workshop on Deep Learning and Neural Networks"

Type of Activity : Workshop

Date/ Duration of Activity : 15 - 17 March 2020

Co-ordinator of the programme : Dr. Ani Thomas and Dr. Jyothi Pillai

Resource Person/Judges : Mr. Bipul Shahi, Eminent expert from SkillIT

Nation

Brief Report on Activity : Department of Information Technology, BIT Durg

organized Two-days state level workshop on Deep Learning and Neural Networks, SkillThon'19 under Margdarshan scheme. There were more than 70 registrations of students from SOS (Computer Science and IT), Pt. Ravi Shankar Shukla University, Raipur and from different colleges all over the State belonging to

CSE, IT, ETC and MCA branches.

The workshop is a part of National Level Annual Technical Festival, Cognizance 2019, which will be organized by Indian Institute of Technology (IIT) Roorkee from 15 - 17 March 2020. Eminent expert from SkillIT Nation, Mr. Bipul Shahi, taught about Artificial Intelligence and Deep Learning. He also taught about how to develop solutions to real time problems using Deep Learning and Neural Networks and gave basic practical exposure using Python.

The SkillThon'19 event consists of 3 rounds. IT department of BIT Durg is organizing Two Prelims Round as a zonal center for the state of Chhattisgarh. Many teams comprising of 5 students participated in the first and second round of workshop. Out of all the teams 3 (Three) teams whose solutions were innovative and feasible were selected for the final round of SkillThon'19, as part of Cognizance 2020, IIT Roorkee, 15-17 March 2020. The workshop has enhanced the knowledge on Artificial Intelligence, Machine Learning, Neural Networks, Computer Vision, Feature Extraction, Deep Learning and Python.

No. of Participants : 70 Details Awards/Prizes : NA



## DEPARTMENT OF INFORMATION TECHNOLOGY

Dated:19 OCTOBER 2020

Subject: Request for organizing CDQ, an aptitude-based competition at our college campus.

It will be beneficial for our BIT students if a one-day aptitude test for "CALIBER-DE-EN-QUETE" a competition organized to spot students with technical and managerial acumen. An aptitude based online test, followed by group discussion and a personal interview constitute the 3 rounds of this event. The first round of the event will be conducted at our college. The selected students (top 5% from our college) will be invited for the subsequent rounds to be conducted during COMET 20 at HT BHU. For the successful conduction of 1st round, AKASH KUMAR MISHRA of IT 5th semester has been appointed as CAMPUS AMBASSADOR.

The following information will be propagated to the students regarding the 1st round -

• Tentative Date of Exam: 1st JAN - 15th FEB 2020

· Exam Duration: I hour

· Exam Type: Online

Registration fees: INR 150 per student

· Registration Deadline: 10 December, 2019

Presented for kind approval.

Dr. (Mrs.) Ani Thomas

HOD (INFORMATION TECHNOLOGY)

B.I.T, DURG(C.G.)

SECRETARY. B.I.T DURG (C.G.)

(:



## IIT (BHU), VARANASI

IIT (BHU) is a residential educational campus within the larger BHU campus which is spread over nearly 1,300 acres at the southern end of Varanasi on the banks of the River Ganges. IIT (BHU), Varanasi formerly consisted of three different schools: the Banaras Engineering College (BENCO), the College of Mining and Metallurgy (MINMET), the College of Technology (TECHNO). The three schools united under the banner of Institute of Technology, Banaras Hindu University (IT-BHU) in 1968. Due to its excellent record, it was converted into an IIT in 2012 by the Government of India. Its establishment is intimately linked with that of the Banaras Hindu University (BHU). The first convocation ceremony of BHU was held on 19 January 1919.

## ABOUT THE DEPARTMENT

The Department of Mechanical Engineering came into existence in 1919 under the leadership of Prof. Charles A. King, the first Head of Department and Principal of the erstwhile Banaras Engineering College (BENCO), having steered through its establishment days and shaped its contours by his remarkable vision. Subsequently, over the past ninety-eight years, the department has quadrupled, growing manifolds gradually to become not only the largest Department in the Indian Institute of Technology (IIT) section but surpassing all sections over the campus of the Banaras Hindu University.

The Department is known for producing and training the excellent minds of the nation. It has produced thousands of graduates and postgraduates. Apart from this, the department has to its credit many PhDs awarded during the period 1995-this. The postgraduate and doctoral program in the Department is well established and infrastructural facilities exist for studies and research in a wide established and infrastructural facilities exist for studies and research in a wide established and infrastructural facilities exist for studies and research in a wide established and Infrastructural facilities exist for studies and research in a wide established and Infrastructural facilities exist for studies and research in a wide established and Infrastructural facilities exist for studies and research in a wide established and Infrastructural facilities exist for studies and research in a wide established and Infrastructural facilities exist for studies and research in a wide established and Infrastructural facilities exist for studies and research in a wide established and Infrastructural facilities exist for studies and research in a wide established and Infrastructural facilities exist for studies and research in a wide established and Infrastructural facilities exist for studies and research in a wide established and Infrastructural facilities exist for studies and research in a wide established and Infrastructural facilities exist for studies and research in a wide established and Infrastructural facilities exist for studies and research in a wide established and Infrastructural facilities exist for studies and research in a wide established and Infrastructural facilities exist for studies and research in a wide established and Infrastructural facilities exist for studies and research in a wide established and Infrastructural facilities exist for studies and research in a wide established and Infrastructural facilities exist for studies and research in a wide established and Infrastructural facilities exist for studies



## **ABOUT MES**

MES, namely, Mechanical Engineering Society, a non-profit departmental organization, is the very sole part of the Institution. Over the years, it has added feathers to its cap by successfully conducting activities not only limited to technical aspects but also extend to sports, cultural as well as social welfare. The society aims to promote research and developmental activities in Mechanical, Industrial Production, Aerospace Engineering, Robotics, and Automation. As rightly said "perfection consists not in doing extraordinary things, but in doing ordinary things extraordinarily well", its workshops and conferences follow the same. They have a cluster of their own, which promotes scientific information interchange between researchers, developers, engineers, students, and practitioners throughout the world. Fostering creativity among the students of engineering as well as a high school through a unique level of quizzes and problem statements, educating the backward and creating awareness among the people of villages have glorified MES over the years and it still craves to excel further. When it comes to riveting engineering and management skills with a healthy body and sound mind, MES is the organization one can rely on. MES's capability to grow and its immense success has made it stand out from the rest.

## About Caliber 'de-en-quete' (CDQ)

Caliber 'de-en-quete' is intended to play around the qualities of a personnel and apprise the person who can be at the apex. Only multi-faceted personality having the perfect blend of IQ and EQ can withstand a series of arduous tests aimed at distinguishing the personnel armored with technical and managerial acumen along with intellect.

COMET-16 organized the first round of this event, comprising of an MCQ written test, in more than 50 colleges & schools across the nation with an enthusiastic participation from over 7000 students.



#### WAR of BRAINS

The event is scheduled to be conducted during the month 1st January 2020 to 15st February 2020 in the colleges of national and international reputations where students will face a set of mind-boggling intellectual questions blended with aptitude skills. The test will be of 1-hour duration. In short, the paper is set in a way which brings you into the world of technical, management and aptitude all at the same time.

Important Information:

**ELIGIBILITY CRITERION**: All students of the institute irrespective of their courses and discipline can participate with full enthusiasm to take a shot at proving their mettle.

Note: The institution can also invite students of nearby or known colleges to participate in the event.

**REGISTRATION FEES**: Each participant must pay INR 150/- to the concerned professor/student coordinator as decided by the college authorities.

#### CERTIFICATION POLICY:

Certificate of Participation Digitally signed from COMET'20, IIT (BHU) Varanasi to every attending participant.

Certificate of Coordination from COMET'20, IIT (BHU) Varanasi to coordinators.

Certificate of appreciation for clearing 1st Round to the shortlisted participants.

Certificate of appreciation for clearing 2nd Round to the corresponding participants.

Certificate of Merit to overall winners of the competition.

"Finals: Top 10% of the appearing participants from each college will be invited for GD & PI round of this contest that will be held during COMET'20 in the IIT (BHU) Varanasi campus itself.



## Benefits of CDQ

#### A Platform to Test Intellectual Skills

The quiz is aimed at testing intellectual skills to the fullest.

A quiz to evaluate your standing at the national level preparing you for the competitions that lie ahead like CAT, GRE, GATE etc.

A way to know your shortcoming to overcome them at an early stage.

 Distinction of holding National level aptitude, technical and personality development event.

Your institute will be the part of COMET'20, IIT (BHU) extension education program.

## Deliverables to participants after the conduction of event

Winners and some lucky participants will be given various goodies (T-shirts, pen drives, bags etc.).

Authorized Certification from COMET'20, IIT (BHU) Varanasi.

Opportunity to directly go to final round of CDQ and grab a prize money worth INR 50,000.

A lot of experience among the IIT students, Industrialists and professionals.

#### Deliverables to the college & organizing team

Mementoes to the college authorities, staff coordinator and overall student coordinator.

Letter of Thanks from COMET'20 team.

Certificate of Coordination after successful conduction of the event to coordinators (Max.2).



## Requirements to host CDQ event

The host will be required to take care of following deliverables for hosting CDQ in their campus, these are listed below:

#### Basic Requirement

The minimum students required to participate in CDQ contest are 100 participants (to be registered 15 days before the scheduled date of contest) otherwise event organizers may cancel/postpone the event.

To provide travel and accommodation facility, if required, to visiting delegation (max. 2) during the event.

#### Infrastructural Requirement

A laboratory with at least 100 computers with seamless internet connection for uninterrupted conduction of the exam with a mic and speakers to convey instructions to the students. The students should be provided with blank papers for rough work.

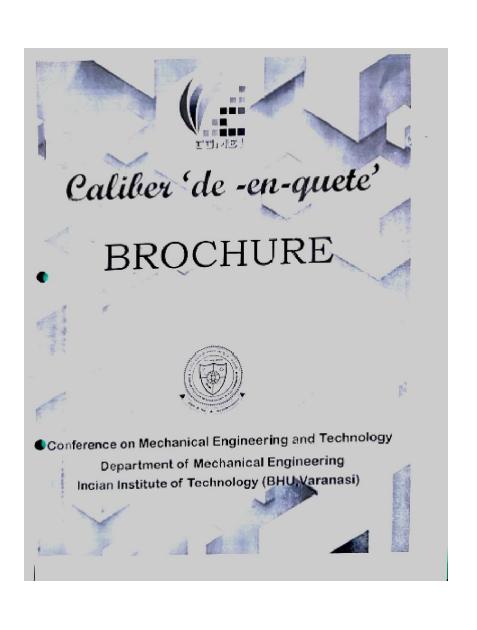
#### · Human Resources Requirement

To appoint one faculty member who will look over all the proceeding related to event starting from publicity, hosting, execution of event and payment to MES, etc.

To appoint three student coordinators for the execution of event.

#### · Financial Information

The students should be registered by the hosting institution seeking name, institute roll no, year & pranch, contact and email-id with photograph (which would be later required during certification



# Bhilai Institute of Technology Department of Computer Applications NOTICE

24-Sep-2019

Department of Computer Applications is going to conduct a Workshop on "Cloud Computing on AWS platform" for MCA 5<sup>th</sup> semester students on 25<sup>th</sup> Sep (11:40 am onwards) and 27<sup>th</sup> Sep (12:30 am onwards) in Computer Lab of Computer Applications department.

Dr.(Mrs)Sunita Soni

Head(Department of CA)

#### **Details of Finalist Team from BIT Durg in Smart India Hackathon 2019**

Dates of Contest: 2nd, 3rd March 2019

	Software Edition							
S No	Members	Project Title	Ministry / Organization	Faculty Mentor	Venue for Finals			
	Sanjay Singh Bhandari		Apollo Hospitals	Sudip Bhattacharya	Coimbatore			
	Samyak Jain	Real time video streaming of ICU in Mobile						
1	Shivani Satone							
'	Md Zainul Haque							
	Aakansha Dhurandhar	III WOONG						
	Ayushi Gupta							
	Tushar Gupta		DeAsra Foundation	Chaitali Choudhary	Coimbatore			
	Utkarsh Chandrakar	Integrated Portal / Mobile App for Maternal Healthcare.						
2	Ritwika Chhura							
-	Arpan Tewari							
	Soniya Jain							
	Gaurav Dewangan							

## Teams Registered for Smart India Hackathon - 2019 from BIT Durg ( hardware + software editions )

S No	Team Name	Role	Name	Gender	Email
	Alt F4	Team Leader	Sanjay Singh Bhandari	М	thisismrsanjay@gmail.com
		Team Member	Samyak Jain	M	sam1999jain@gmail.com
1		Team Member	Shivani Satone	F	shivani11satone@gmail.com
'		Team Member	Md Zainul Haque	М	haquemdzainul@gmail.com
		Team Member	Aakansha Dhurandhar	М	aakankshadhurandhar34@gmail.com
		Team Member	Ayushi Gupta	F	ayu123shi@gmail.com
	ANON HUSTLERS	Team Leader	Abhishek Bagarti	М	Ab61399@gmail.com
		Team Member	S Salman	М	ssalmanyo9@gmail.com
2		Team Member	Mili Pandey	F	milipandey0100@gmail.com
		Team Member	Pooja Singh	F	singh29pooja@gmail.com
		Team Member	Rahul Sinha	М	ayushsinha5050@gmail.com
		Team	Muskan Verma	F	muskanbaby02@gmail.com

		Member		1	
		Team Leader	Rajat Ranjan Jha	М	rajat27jha@gmail.com
		Team Member	Shruti Gupta	F	shrutiguptarkc@gmail.com
3	De Coders	Team Member	Balram Singh Rajput	М	balramsingh557@gmail.com
Ü	De Godelo	Team Member	Sachin Kumar Goyal	М	sgsung48@gmail.com
		Team Member	Raman Patel	M	raman13patel@gmail.com
		Team <u>Member</u> Team	Bushra Yasmin	F	bushrayasmin1998@gmail.com
		<u>Leader</u> Team	Aayush Sharma	М	aayushsharma047@gmail.com
		Member Team	Ansh Bhawnani	M	anshbhawnani@gmail.com
4	HawkEye007	Member Team	Akash Mangal	M	mangal.company@gmail.com
		Member Team	Nishant Chhattani	M	nishant.chhattani@gmail.com
		Member Team	Khushboo Sahu	F	khushboosahubr.21@gmail.com
		Member Team	Shivani Nandapurkar	F	shivani.scorp@gmail.com
	-	<u>Leader</u> Team	Parth Dutta Nagaria	M	parthduttanagaria@gmail.com
		Member Team	Pourshtam Ajay Kumar	M	ajaypkumar022@gmail.com
5	PVD Infotech	Member Team	Chandan Shukla	M	chandanshukla@gmail.com
	-	Member Team	Himanshu Koushal	M	himanshukoushal@gmail.com
		Member Team	Rohit Raj Lautre	M F	rohitrajlautre@gmail.com
		Member Team Leader	Darshika Bhandekar Yash Pamnani	M	darshikabhandekar@gmail.cm iamyashpamnani@gmail.com
	TheCurlyBrackets -	Team Member	Surva Kant Sahu	M	surya.oju@gmail.com
		Team Member	Shubham Kumar	M	mailshubhamk@gmail.com
6		Team Member	Sourabh Agrawal	M	musuwhity@gmail.com
		Team Member	Soniya Agrawal	F	soniyakrb30@gmail.com
		Team Member	Vinay Verma	М	budheswarbaghel@gmail.com
		Team Leader	Mohit Kumar Agrawal	М	Mohitkumaragrawal1590@gmail.com
		Team Member	Yejesh Kumar Yadav	М	Yejesh786@gmail.com
7	BUnique	Team Member	Virendra Jangde	M	virujangde@gmail.com
		Team Member	Srijan Sharma	М	Srijans38@gmail.com
		Team Member	Sohail Memon	M	Sohailmemon10@gmail.com
		Team	Surbhi Agrawal	F	Agrawal21surbhi@gmail.com

		Member			
		Team			
		Leader	Jyoti Prajapati	F	jyotiprajapati865@gmail.com
		Team Member	Pagia Patro	F	pagiaratro21@amail.com
		Team	Pooja Ratre	Г .	poojaratre31@gmail.com
	T 1 107 : 4	Member	Nidhi Gupta	F	dimpygupta98@gmail.com
8	Tech Warriors1	Team	,		
		Member	Vaibhavi Goda	F	vaibh1997@gmail.com
		Team	Lime also place Charalle and		
		Member Team	Umashankar Choudhary	M	umashankarbit1998@gmail.com
		Member	Himanshu Kosre	М	himanshukosre456@gmail.com
		Team			
		Leader	Tushar Gupta	M	tushargupta2898@gmail.com
		Team	Little rate Chair drates		uther as high a signal reason (as a signal s
		Member Team	Utkarsh Chandrakar	M	utkarshchandrakar0@gmail.com
_		Member	Ritwika Chhura	F	sannachhura@gmail.com
9	Hex-Coders	Team	2 2 2		
		Member	Arpan Tewari	M	arpan.tewari08@gmail.com
		Team	Control Into	_	
		Member Team	Soniya Jain	F	soniyajain0532@gmail.com
		Member	Gaurav Dewangan	М	gauravdewangan3002@gmail.com
		Team	Januar Domanigan	1	gaara aa ran garrees aa garreen.
		Leader	sanskar jain	M	ssaannskra@gmail.com
		Team			
		Member Team	Akash kumar	M	akashkumar2k10@gmail.com
		Member	Aakash kumar sahu	М	aakashsahu.2612@gmail.com
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		Member	Devansh doshi	М	devanshdoshi24@gmail.com
		Team	Abbinanda	_	- h h :
		Member Team	Abhinanda sar	F	abhinandaasaar@gmail.com
		Member	Devwrat Tamrakar	М	devwrat.tamrakar@gmail.com
		Team	201 mar ramana.	1	griamom.
		Leader	VISHAL AGRAWAL	M	vishalgoel720@gmail.com
		Team	OLUN (ANIOLUL OLLA DAMA		
		Member	SHIVANSHU SHARMA	M	shivanshu441@gmail.com
		Team Member	ADITI RAI	F	aditirai290698@gmail.com
11	Y-Not's	Team	FANINDRANATH		g
		Member	CHOUDHARY	M	fanindranath215@gmail.com
		Team	DI II IDENIDO A IZUNAAD OALIII		
		Member Team	BHUPENDRA KUMAR SAHU	M	anujsahu7806061358@gmail.com
		Member	RIPUNJAY SINGH	М	singh.ripunjay66@gmail.com
12		Team		1	gp.syoo o gsnooni
		Leader	Abhishek Pandey	М	abhishekpandey.2878@gmail.com
	Naasre -	Team	Autita Naviani	_	
		Member Team	Ankita Navlani	F	anki2719@gmail.com
		Member	Nimita Pillai	F	nimitapillai1996@gmail.com
		Team			
		Member	Shreya Sahu	F	shreyasahu9195@gmail.com
		Team	Destiles Observed.	_	with the standard transfer of the standard tra
		Member Team	Reetika Chandrakar	F	rtkchandrakar@gmail.com
		Member	Ekta Kesharwani	F	ektakesharwani111@gmail.com
				<u> </u>	

l	l i	Team		I	I I
		Leader	Pratham Thawait	М	Pratham.thawait@gmail.com
		Team			
		Member Team	Pawan Gupta	M	Pawan87p4@gmail.com
		Member	Samyak Chopra	М	Samyakchopra12@gmail.com
13	PIE-LARK	Team	- Carryan Crispia		gamyanonopia i 2 gamamooni
		Member	Shriya Dewangan	F	Shriyadewangan20@gmail.com
		Team		_	
		Member Team	Anjali Sagar jangde	F	anjalisonu1920@gmail.com
		Member	Shreesh kesharwani	М	Skesharwani459@gmail.com
		Team	Chrocon Roomarwani	141	CROSHAI WAITI 100 @ giriaii.00iii
		Leader	Ayush Sudhakar	М	ayushsudhakar1998@gmail.com
		Team			
		Member Team	Yash Agrawal	M	yash.nice.13@gmail.com
		Member	Manas Sharma	М	manask.sharma@gmail.com
14	COMPUSAPIANS	Team	Warias Sharina		manaonona ma e gmanoom
		Member	Diksha Nagpal	F	dikshanagpal1998@gmail.com
		Team	Ohlaha lain	_	ablata isis 4044 © "
		Member Team	Shloka Jain	F	shloka.jain1811@gmail.com
		Member	Aman Kumar Verma	М	av36232@gmail.com
		Team	7 marriamar verma	141	aveo262 @ gmail.com
		Leader	Kirteyman Singh Rajput	М	kirteman17081998@gmail.com
		Team			
		Member	Nayan Raut	M	nayanraut621@gmail.com
		Team Member	Anurag Sharma	М	sanurag23patna@gmail.com
15	JARVIS-1	Team	7 marag chama	141	odridiag2opatria @ gridii.com
		Member	Manish Lautre	М	lautrer27@gmail.com
		Team			
		Member	Divyajot Kaur Birdi	F	divyajotkaur125@gmail.com
		Team Member	Vaibhavi Mathur	F	vijiyalaxmimathur@gmail.com
		Team	Valbriavi Madiai		vijiyalaxiriirilaarar @grifan.com
		Leader	NIRBHAY KUMAR	М	nirbhay4829@gmail.com
		Team			
		Member	MAYANK KATHALE	M	kathale.mak22@gmail.com
		Team Member	KUMAR KINSHUK	М	kmrkinshuk@gmail.com
16	Blue Bytes	Team	TOWN IN THIT OF ICIT	141	Kirikirioridik@gridii.com
		Member	NEELIKA SINGH	F	neelikasona@gmail.com
		Team	ICALIOLIANDI CUI DI II	_	
		Member Team	KAUSHAMBI SHARMA ASHUTOSH ABHISHEK	F	kaushambisharma10@gmail.com
		Member	TOPPO	М	ashtylertoppo@gmail.com
		Team		† ···	and the state of t
		Leader	Devanshu Biswas	М	devanshu62@gmail.com
		Team			
	J_Vikings	Member Team	Ankur Pashine	M	ankurpashine27@gmail.com
17		Member	Simran Khirbat	F	simrankhirbat8@gmail.com
		Team		'	Sammado Ogmanoom
		Member	Kriti A. Ajwani	F	kritiajwani6148@gmail.com
		Team			
		Member Team	Kunica Gupta	F	kunica25gupta@gmail.com
		Member	Shubham Yadav	М	shubhamyadav1410999@gmail.com
18	Tech Dudes1	Team	KRISHNA KANT	M	dtokrishnakant2000@gmail.com

		Leader	1		1
		Team			
		Member	SRIJAN KARMAHE	M	karmahesrijan@gmail.com
		Team			
		Member Team	OMPRAKASH NAYAK	M	Raju99.nayak@gmail.com
		Member	SAYAN BAGCHI	М	Sayanbagchi1998@gmail.com
		Team Member	NIHAL KUMAR	М	Kumarnihal829@gmail.com
		Team			g
		Member	PREETI BAGHEL	F	Preetibaghel5920@gmail.com
		Team	Atinder Pal Singh	М	atinder999@gmail.com
		Leader Team	Akash Kumar Mishra	M	ak.bitdurg@gmail.com
		Member	Akash Kumar Wishra	IVI	ak.bitdurg@gmaii.com
		Team	Pooja Verma	F	pooja08109@gmail.com
19	Astralis1	Member			
19	AStrailST	Team	Neeraj Bannatwala	М	nb86pg95@gmail.com
		Member			
		Team	Rahul Dadsena	М	rahuldadsena19@gmail.com
		Member Team	Kartikey Rawat	М	rawatkari554@gmail.com
		Member	Naturey Nawat	IVI	Tawatkan354@gmail.com
		Team			
		Leader	Kumar Gaurav	M	gk90731@gmail.com
		Team			M L is silvened C . II
		Member Team	Mohit Patil	M	Mohitpatil1998@gmail.com
		Member	Khyati Dhere	F	Khayti01dhere@gmail.com
20	PRO-TECH	Team	Kilyati Dilete	'	Khaytio runere @gmaii.com
		Member	Muskaan Sinha	F	Sinha.muskan111999@gmail.com
		Team			
		Member	S Srikant Vemparala	M	Vssrikanth88@gmail.com
		Team Member	Kumar Vurai	NA.	Vuni vungairav@amail.com
		Team	Kumar Yuraj	M	Yuvi.yuvrajray@gmail.com
		Leader	PAVNEET KAUR TREHAN	F	pavneet18k@gmail.com
		Team			
		Member	SNEHA AGRAWAL	F	snehaa029@gmail.com
		Team			
21	The Underdogs	Member Team	AMAN PATLEY	M	apatley@gmail.com
	-	Member	ROHAN JAIN	М	rjn141097@gmail.com
		Team		141	grior egmanom
		Member	AMAN SARJAL	М	anam1641@gmail.com
		Team			
		Member	YATHARTH DUBEY	M	yatharthdubey@gmail.com
		Team Leader	Ashwini Kumar Mishra	М	ashwinikumarmishra007@yahoo.com
		Team	ASHWIH NUMAI WISHIA	IVI	ashwiilikumamiismaoo/ @yanoo.com
		Member	Akhil Jain	М	akhilj66@gmail.com
		Team			
22	System - GC	Member	Chandra Prakash	M	cp1302084@gmail.com
	2,5.0	Team	Vechi Dower zer	_	veshidovenga=1040@s===!!
		Member Team	Yashi Dewangan	F	yashidewangan1812@gmail.com
		Member	Garima Joshi	F	garimaj287@gmail.com
		Team		<u> </u>	5
		Member	Gargi Sahu	F	sahujgargi@gmail.com
23	Baddd	Team			
-		Leader	Deepesh Sihani	М	Deepeshsihani9@gmail.com

		Team Member	Divya chandrakar	F	Divyachandrakar7@gmail.com
		Team			
		Member	Darshan chandrakar	M	Darshanchand267@gmail.com
		Team			
		Member	Ayush rao	M	Ayush.rao344@gmail.com
		Team Member	Phovero	F	Phoyago 1211@gmoil.com
			Bhavya vyas	Г	Bhavyavyas1211@gmail.com
		Team Member	Denisha gajbhiye	F	denishagajbhiye@gmail.com
		Team	Pranjalya Tiwari	М	pranjalyawarrior@gmail.com
		Leader			
		Team	Md Faizan Azim	M	faizaanazim@gmail.com
		Member			
		Team	Ujjawal Dewangan	M	ujjawal75871@gmail.com
24	The Samaritan	Member			
24	Developers	Team	Garima Mandal	F	garimamandal98@gmail.com
		Member			
		Team	Dikeshwari Verma	F	vermadikeshwari@gmail.com
		Member			
		Team	Jaideep Dutta	M	jaideepdutta15@gmail.com
		Member			-

## BHILAI INSTITUTE OF TECHNOLOGY, DURG

#### **ACTIVITY REPORT**

Name of Department : Information Technology

Name of Activity : "Raspberry Jam: Two day state level Workshop on

Raspberry PI and IoT"

Type of Activity : Workshop

Date/ Duration of Activity : 2 - 3 March 2019

Co-ordinator of the programme : Sarang Pitale

Resource Person/Judges : Sarang Pitale

Brief Report on Activity : Department of Information Technology, BIT Durg

organized Raspberry Jam: Two day state level Workshop on Raspberry PI and IoT .There were 46 registrations of students from different colleges all over the State belonging to CSE, IT, EEE, MECH & ETC branches.

The workshop is a part of International Event Raspberry Jam Big Birthday Weekend 2019. The workshop based on hands-on sessions focused on IoT and automation. Vrious goodies are received from Raspberry pi foundation U.K.

No. of Participants : 46

Details Awards/Prizes : NA

Name of Department : Information Technology

Name of Activity : "Arduino Day2019"

Type of Activity : Workshop

Date/ Duration of Activity : 16 March 2019

Co-ordinator of the programme : Dr. Ani Thomas, Sarang Pitale

Resource Person/Judges : Sarang Pitale

Brief Report on Activity : Department of Information Technology, BIT Durg

organized Arduino Day 2019: One day state level Workshop and project competition on Arduino and IoT. There were 50 registrations of students from engineering colleges of state belonging to CSE, IT, EEE,

MECH & ETC branches.

The workshop is a part of International Event Arduino Day. The workshop based on hands-on sessions focused on IoT and automation. Various projects were developed based on Arduino.

No. of Participants : 50

Details Awards/Prizes : 8000/-

#### **IoT Challenge - 2019**

Department of Information Technology of BIT Durg organized a National level event Prelims of IoT Challenge 2019 which is conducted by Indian Institute of Technology (IIT) Bombay .The event was in collaboration with IIT Bombay from 11-12 January, 2019.

IoT Challenge 2019 is one of the National Level Competition, having a Prizes worth INR 1 Lac to be won.

#### **Number of Participants: 70**

**Te**am of 4 students from BIT,Durg has been selected for the 2nd Round of the Event for IoT Challenge 2019.

Akhil Jain	896283669 5	akhilj66@gmail.com	
Chandra Prakash	808548098 8	cp1302084@gmail.com	BIT
Yashi Dewangan	934071692	yashidewangan1812@gmail.com	DURG
Ashwini kumar mishra	940644067	ashwinikumarrbhilai@gmail.com	

The team has been selected for final round also.

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3.100		Branch	Year/Serr	Year/Sem College Name	Signature
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7		CSE	2nd	GGU bilasour	O. Hu
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4 1	Rishu Kumar	CSE	2nd	GGU bilaspur	
2	Vikash kumar Rai	CSE	2nd	GGU bilaspur	XI'm Port I
0 1	Adarsh Kaushik	CSE	2nd	GGU bilaspur	THE STATE OF THE S
-	Megha Jain	ECE	3rd	RITDIRG	2
00	Anubhuti Sharma	ECE	2nd	BIT DURG	1
9	K Mounika	ECE	2nd	BITDURG	Walt V
10	HITANKSHI VIRA	ECE	2nd	BITDURG	10 ahir
11	Akanksha Srivastava	ECE	2nd	RITDIRG	- Luci
12	Pankaj Chandrakar	ECE	3rd	RITDIRG	1
13	Shirish Kumar Yadav	ECF	3rd	RITOIRG	Towns of the second
14	Samiksha Meend	ECF	3rd	BIT DI BG	Samuel Samuel
15	Abhishek Ranjan	FCF	3rd	BITOLIBG	MA.
16	Deeksha yadu	FFF	3rd	BITOIRG	000
17	Niranjan singh	ECF	3rd	RITOLIRG	- Concellant
18	Purvi Kamble	ECE	3rd	BIT DURG	Amulia A
19	Mukesh Bharadwaj	ECE	3rd	BIT DURG	La subsedue
20	Nirbhai Kujur	ECE	3rd	BIT DURG	2000
21	Sarita Manjhi	ECE	3rd	BIT DURG	
22	Anupriya Dutta	E	4th	BIT DURG	- Charles
23	Sakshi Shree Deo	E	4th	BIT DURG	Landed
24	Aman Patley	E	3rd	BIT DURG	Goothen
25	Pooja singh	<u></u>	2nd	BIT DURG	- Keldy
26	Mili pandey	П	2nd	BIT DURG	AND THE PERSON NAMED IN COLUMN TO PERSON NAM
27	Devanshu Biswas	CSE	3rd	BIT DURG	Daniar (
28	Ankur Pashine	CSE	3rd	BIT DURG	Washirt
58	Anuja Ninan	CSE	3rd	BIT DURG	Jedano.
30	BHUPESH KUMAR VERMA	ECE	3rd	BIT DURG	AND THE PERSON NAMED IN COLUMN TO PERSON NAM
31	Prakhar Vaishnav	ECE	3rd	BIT DURG	J. Albay
32	Akhil Jain	П	3rd	BIT DURG	150
33	Chandra Prakash	<u></u>	3rd	BIT DURG	drawer bakam
34	Yashi Dewangan	⊨	3rd	BIT DURG	CARTOMAN WANT
35	Ashwini kumar mishra	ш	3rd	BIT DURG	AKM
36	Swarnika Fuley	ECE	3rd	BIT DURG	JEANN -
37	SUPRIYA KASHYAP	ECE	3rd	BIT DURG	Super A
38	JYOTI SHARMA	ECE	3rd	BIT DURG	Lower L
39	Swaleha parveen	ш	3rd	BIT DURG	- amaler
40	RAHUL DADSENA	ECE	1st	BIT DURG	3
41	Saurav ekka	П	4th	BIT DURG	Somos
42	Reshu pandey	CSE	4th	BIT DURG	Cosmi
43	AMISHA NETAM	ECE	3rd	BIT DURG	America

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S.No.		Branch	Year/Sen	Vear/Sem College Name	Signature
45	RAHUL VERMA	ME	3rd	CEC DURG	Comp.
46	^	ME	3rd	CEC DURG	古書
47	PRATIK VERMA	CSE	2nd	CEC DURG	<b>『より</b>
48	HU	ME	3rd	CEC DURG	The state of the s
49	Swapnil Prasad	ECE	2nd	NIT Raipur	K. J
20	Uttara Khatik	ECE	2nd	NIT Raipur	- ARM
51	Mazher	ECE	2nd	SSIPMT	Mazher
52	Ankit pithalia	CSE	2nd	SSIPMT	time
53	Muskan pandey	ECE	2nd	SSIPMT	Manuful
54	deepankar majumdar	CSE	2nd	SSIPMT	STAKE !
55	Nileena R	CSE	2nd	SSIPMT	Sheet .
99	juhi mukherjee	CSE	2nd	SSIPMT	Campi.
57	Vanshika richhariya	ECE	2nd	SSIPMT	Barshike
58	VANSHIKA KHOBRAGADE	ECE	3rd	BIT RAIPUR	X
59	CHANDRA PRAKASH DEWANGA CSE	CSE	2nd	BIT RAIPUR	4
09	Ghanishtha Tiwari	CSE	2nd	BIT RAIPUR	100
67	IITENDRA KUMAR CHANDRAKAICSE	CSE	2nd	BIT RAIPUR	The state of the s
3	KIINAI DEWANGAN	CSE	2nd	BIT RAIPUR	funct dearen
70	Mohd Arif	ECE	1st	SSGI	- tony
10 10	Waching Cohii	CSF	1st	SSGI	
65	Yashwant Sanu	3 2	14	SSEC	· 577
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29	Anjali shiwankar	32 2	חוכ	מבכבו מוווכו	Moghala
89	megha lodh	3	z i	מבכבו מחווראו	- TAIL 1.
69	Devanshi Gandhi	CSE	3rd	RECI BHILAI	Alexander
63	Vaibhay singh Gaharwar	Other	4th	Ambikapur	187
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#### **Summary of COMET-19 (Conference on Mechanical Engineering and Technology)**

The Department of Information Technology organized the 25<sup>th</sup> Edition of COMET-19 (Conference on Mechanical Engineering and Technology) IIT (BHU) Varanasi. It is an annual technical conference. CDQ (Caliber de-en-quete) is a competition organized to spot students with technical and managerial acumen. An aptitude-based online test, followed by group discussion and personal interview constitute the 3 rounds of this event. The first round was conducted at the department of IT, BIT, Durg (C.G.). The selected students (top 5% from our college) will be invited for the subsequent rounds to be conducted during COMET-19 at IIT (BHU) Varanasi.

The Department of Information Technology conducted CDQ( Caliber de-en-quete) competition on 9<sup>th</sup> February 2019 from 1:30 pm to 2:30 pm and 209 students participated in this program. CDQ (Caliber de-en-quete) first-round cleared 17 students and second-round cleared 4 students from this college.

#### The organizing committee for the program is:

1. Dr. (Mrs.) Ani Thomas (Faculty Coordinator)

2. Mr. Amrendra Kumar Singh (Faculty Coordinator)

3. Swaleha Praveen (Senior campus Ambassador)

4. Nirabjan Singh (Student Coordinator)

5. Prateek Dewangan (Student Coordinator)

6. Shivangi Sahu (Student Coordinator)

### Department of Computer Applications (MCA) Bhilai Institute Of Technology, Durg

Date 27-10-2018

#### Notice

Workshop on the topic "No Sql" has been arranged for the students of MCA III by Mr. Sudip Bhattacharya from CSE department, and Mrs. Shweta Kharya, Dept. of Computer Applications, BIT, Durg on 30th & 31st Oct, 2018.

Time: - 2:00 PM to 5:00PM.

Venue: - IT Computer Lab (ECOMIT Block)

(Dept. of Computer Applications)

#### Department of Computer Applications Bhilai Institute of Technology, Durg

Date 10-10-2018

#### Notification

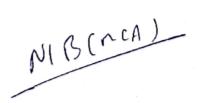
An Expert Talk on the topic "Applications of Theoretical Computer Sceince" has been arranged for the students of MCA III by Dr. Mirek Langer, Professor from Silesian University in Opava, Czech Republic on 10-10-2018.

All the students make it convenient to attend the same.

Time: - 3 P.M to 5 P.M.

Venue: - EXG-8 Seminar Hall (ECOMIT Block)

Sumitadem. 10/10/2018 HOD (MCA)





# BHILAI INSTITUTE OF TECHNOLOGY, DURG

Date: 04/09/2017

Professional activities committee of the Institute is organizing presentation competition on the Theme "Role of Engineers' in a Developing India" to celebrate 50<sup>th</sup> Engineers Day (15<sup>th</sup> September 2017)

The competition will be held on 9<sup>th</sup> September 2017 with a concluding session on 15<sup>th</sup> September 2017. The coordinator of the above program is Dr. Archana Gupta, Department of Electrical Engineering. Interested students may kindly contact the Professional Activities Committee Members:

- 1. Dr. Shiena Shekhar (ME)
- 2. Dr. Naveen Kumar Dewangan (ETC)
- 3. Prof. Shraddha Sharma (CE)
- 4. Prof. Shankha De (CSE)
- 5. Prof. Vikas Pandey (IT)
- 6. Dr.. Abhishek Verma (EEE)
- 1. Dr. Amit Biroa (MCA)

Dr. Manisha Sharma Professional Activities I/c

#### Copy to:

- All HOD's (with a request to display on the N/B)
- Professional Activities Members
- Principal

## BHILAI INSTITUTE OF TECHNOLOGY, DURG



#### NOTICE

Date: 20/09/2017

The "Professional Activity" Club is organizing an Expert Lecture followed by "Professional Activity Champion" (PAC) contest on 23<sup>rd</sup> September 2017.

Expert lecture on "Presentation & Communication Skills" will be delivered by Mr. S. Ganguly. He has done his MBA from Stuttgart University, Germany and presently persuing Ph.D. from IIM, Raipur.

Venue: Main Auditorium

Date: 23<sup>rd</sup> September, 2017 Time: 11.00 a.m.

Interested students may kindly contact the teacher incharges.

- 1. Dr. Shiena Shekhar (ME)
- 2. Dr. Archana Gupta (EE)
- 3. Dr. Naveen Kumar Dewangan (ETC)
- 4. Prof. Shraddha Sharma (CE)
- 5. Dr., Abhishek Verma (EEE)
- 7. Prof. Vikas Pandey (IT)
- 8. Prof. Amit Biswas (MCA)

Dr. Manisha Sharma Professional Activity I/c

#### Copy to:

- All HOD's (with a request to display on the N/B)
- Professional Activities Members
- Principal



## Certificate of Appreciation

presented to

#### Arpana Rawal

of

### Bhilai Institute of Technology, Durg

In recognition of his/her contribution as a Course Coordinator

from January 23, 2018 to February 19, 2018

for the successful completion of four-week course on

College to Corporate Program - Financial Literacy conducted by Indian Institute of Technology Bombay

Brataki

Prof. Deepak B. Phatak
Project & Course Coordinator
IIT Bombay



## Certificate of Appreciation

presented to

#### Arpana Rawal

10

#### Bhilai Institute of Technology, Durg

(RC ID: 1166)

In recognition of his/her contribution as a Course Coordinator

from February 20, 2018 to March 18, 2018

for the successful completion of four-week course on

College to Corporate Program - Technical Skills conducted by Indian Institute of Technology Bombay

Prof. Deepak B. Phatak

Project & Course Coordinator

**IIT Bombay** 



## Certificate of Appreciation

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Project & Course Coordinator

**IIT Bombay** 

## BHILAI INSTITUTE, OF TECHNOLOGY, DUIRG

#### **ACTIVITY REPORT**

Name of Department

Electrical and Electronics Engineering

Name of Activity

Quiz

Type of Activity

Co-curricular

Date/ Duration of Activity

6/10/2017

Co-ordinator of the programme

Dr Surekha Bhusnur, Mr. Mukesh Ku.Chandrakar

Resource person/Judges

Dr. Anup Mishra

Brief Report on Activity

: The main objective of the event is to train the students and gauge General knowledge, public

speaking skills and overall performance.

No. of Participants

36(18 teams)

Details Awards /Prizes

Winner -Mr Pradeep Baurai, Shraddha Mishra

**EEE** 

:

Momento + Certificate of Merit

Runner - Anurup Bandyopadhyay, Srinjay Kumar

Momento + Certificate of Merit

All the students who participated were awarded with the "Certificate of Participation" by EEESA,

EEE Department, BIT, Durg

Sponsor / in-Collaboration with

BIT Durg, Student Association EEE

Dr Anup Mishra Head of Department

Prepared by:

Dr Surekha Bhusny

MrMukesh Kumar Chandrakar



Me

### BHILAI INSTITUTE, OF TECHNOLOGY, DUIRG

#### ACTIVITY REPORT

Name of Department Electrical and Electronics Engineering

Name of Activity Group Discussion

Type of Activity Co-curricular

Date/ Duration of Activity 5/10/2017

Co-ordinator of the programme Dr Surekha Bhusnur, Mr. Mukesh Ku.Chandrakar

Resource person/Judges Dr. Sheina Shekhar, Dr. Nagendra Tripathi

Brief Report on Activity The main objective of the event is to train the

> students for placement activities by conducting Group Discussion to gauge General knowledge,

public speaking skills and overall performance.

No. of Participants 18

Details Awards / Prizes Winner - Mr Pradeep Baurai, EEE

Momento + Certificate of Merit

Runner - Shraddha Mishra EEE

Momento + Certificate of Merit

All the students who participated were awarded with the "Certificate of Participation" by EEESA,

EEE Department, BIT, Durg

BIT Durg, Student Association EEE Sponsor / in-Collaboration with

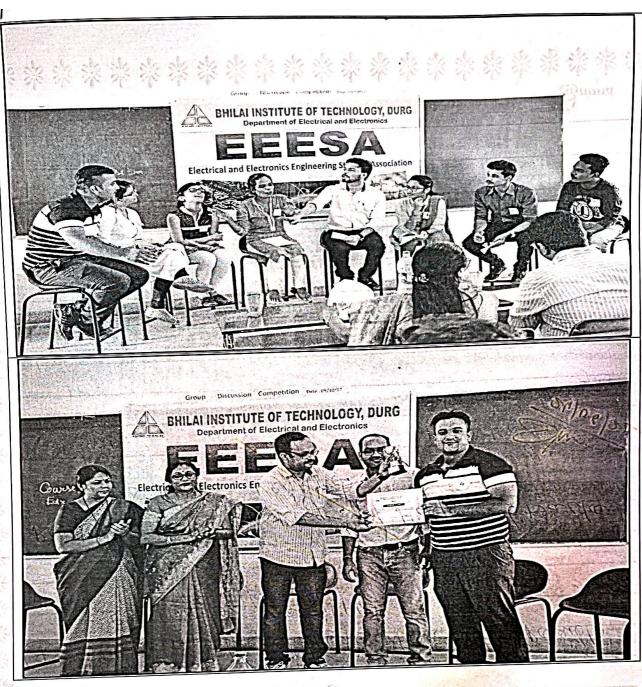
> Dr Anup Mishra Head of Department

Prepared by:

Dr Surekha Bhusnur

MrMukesh Kumar Chandrakar

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Name of Department : Information Technology

Name of Activity : *Introduction to Python Programing* 

Type of Activity : Guest Lecture

Date / Duration of Activity : 24 August 2017

Coordinator of the programme : Mr. Raj Kumar Singh

Resource Person /Judges : **Prof. G.V.V. Sharma** from IIT Hyderabas

Breif Report on Activity : The guest lecture on Introduction to Python Programing

was conducteed at seminar Lab Cabin-03 (EXG-03) of

Bhilai Institue of Technology, Durg, C.G. The session was started at 2 PM with keynote session on how Python

used for developing websites and software, task

automation, data analysis, and data visualization. Prof.

G.V.V. Sharma has also introduced various modules that

can be used with Python. He has explain that if any

student is making application project, that must be uised

by some client so that continuous feedback will help to

enhance it thaere were different queries from students

like. How we can improve our technical and analytical

skills using python programing.

No. of Participants : 47

Details Awards/Prizes : NA

Sponsor/In-collaboration with : All Departments of Bhilai Institute of Technology, Durg,

C.G.

Co-Ordinator

**Head of Department** 

Name of Department : Information Technology

Name of Activity : Android and Server design Planning

Type of Activity : Guest Lecture

Date / Duration of Activity : 24 August 2017

Coordinator of the programme : Mr. Raj Kumar Singh

Resource Person / Judges : **Ms. Shrini Jaiswal** from Elumba Technologies

Breif Report on Activity : The guest lecture on Introduction to Python Programing

was conducteed at seminar Lab Cabin-03 (EXG-03) of

Bhilai Institue of Technology, Durg, C.G. The session

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by some client so that continuous feedback will help to

enhance it thaere were different queries from students

like. How we can improve our technical and analytical

skills using python programing.

No. of Participants : 47

Details Awards/Prizes : NA

Sponsor/In-collaboration with : All Departments of Bhilai Institute of Technology, Durg,

C.G.

Name of Department : Information Technology

Name of Activity : "Raspberry Jam Workshop"

Type of Activity : Workshop

Date/ Duration of Activity : 16 September 2017

Co-ordinator of the programme : Sarang Pitale

Resource Person/Judges : Sarang Pitale

Brief Report on Activity : Department of Information Technology, BIT Durg

organized Raspberry Jam: Two day state level Workshop on Raspberry PI and IoT .There were 50 registrations of students from BIT Durg belonging to CSE, IT, EEE,

MECH & ETC branches.

The workshop is a part of International Event Raspberry Jam. The workshop based on hands-on sessions focused on IoT and automation. Various goodies are received from Raspberry pi foundation U.K.

No. of Participants : 50

Details Awards/Prizes : NA

### **DEPARTMENT OF COMPUTER APPLICATIONS**

Bhilai Institute of Technology, Durg (C.G) - 491 001

Reference No : BITDurg/CA/2018/01

Date: 29/01/2018

#### NOTICE

All Students of MCA – 4<sup>th</sup> Semester are hereby informed that a Hands-on workshop is arranged on topic "Introduction to Arduino and Sensor based Projects" on 30.01.2018 and 06.02.2018 from 3:00 PM Onwards. Venue for the above workshop is MCA Lab – Ground Floor.

Dr. (Mrs.) Sunita Soni

H.O.D (Computer Applications).

Copy:

Notice Board — for Display
Class room – for Information to students.

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