शासकीय इंजीनियरिंग महाविद्यालय, बिलासपुर (छ.ग.)

Government Engineering College Bilaspur (C.G.)

वार्षिक प्रतिवेदन 2019–20

Annual Report 2019-20

INDEX

1. Institute Information

Name and address of the Institute:
GOVERNMENT ENGINEERING COLLEGE, KONI BILASPUR
KONI, BILASPUR (C.G.)495009

Name and address of the Affiliating University:
CHHATTISGARH SWAMI VIVEKANANDA TECHNICAL UNIVERSITY BHILAI
Newai, Bhilai, (C.G.) 491107

Year of establishment of the Institute:1964
Type of Institution:

University	☐
Deemed University	☐
Government Aided	☐
Affiliated	☑
Autonomous	☐

Ownership Status:

Central Government	☐
State Government	☑
Government Aided	☐
Self financing	☐
Trust	☐
Society	☐
Section 25 Company	☐
Any Other (Please Specify)	☐

Details of all the programs offered by the institution

S. No	Program name	Year of start	Intake	Increase in intake if any	Year of increase	AICTE Approval	Accreditation status*
1	B. TECH. Civil	1964	20	-	-	√	Accredited
2	B. TECH. Electrical	1964	20	60	2000	√	Accredited
3	B. TECH. Mechanical	1964	40	-	-	√	Accredited
4	B. TECH. Mining	1986	20	-	-	√	Accredited
5	B. TECH. ELECTRONICS & TELECOMMUNICATION	2000	40	-	-	√	Appeal for Accreditation
6	B. TECH. Information Technology	2000	40	-	-	√	Will Apply in Future
7	B. TECH. Computer Science	2000	40	-	-	√	Will Apply in Future
8	M. TECH. Thermal Engineering	2020-21	18	-	-	√	Will Apply in Future

Total No of employees in the institution:

Regular*+ Contractual Employees(Faculty and Staff)

Items	Gender	2019-20		
		Sanctioned Positions	Filled Positions	Vacant Positions
Faculty in Engineering	M	83	37	41
	F		05	
Non-teaching staff	M	178	90	82
	F		06	

Total number of Engineering Students:

ITEM	2019-20	2018-19	2017-18
Total No. of Boys	712	727	727
Total No. of Girls	399	419	432
Total No. of Students	1111	1146	1159

Vision of the Institution:

"To be a global leader by imparting quality technical education and innovative research for the betterment of the industry and society."

Mission of the Institution:

- Develop technical competencies to enhance employability and entrepreneurship through state of art laboratories.
- Promoting research and consultancy activities to meet the need of industries by Industry institute interaction programs.
- Inculcate ethical values and leadership qualities for sustainable development.

दृष्टिपथ (विजन)

गुणवत्तापूर्ण तकनीकी शिक्षा व नवीन शोध प्रदान कर उद्योगों व समाज की प्रगति में योगदान देना व विश्व स्तरीय तकनीकी शिक्षण संस्थान के रूप में विकसित होना।

ध्येय पथ (मिशन)

- रोजगार व उद्यमिता बढाने हेतु तकनीकी दक्षता विकसित करना।
- उद्योगों की आवश्यकता अनुरूप शोध एवं तकनीकी परामर्श कार्य को प्रोन्नत करना।
- सतत् विकास हेतु नैतिक मूल्यों व नेतृत्व क्षमता के गुणों का संस्कार देना।

Contact Information of the Head of the Institution

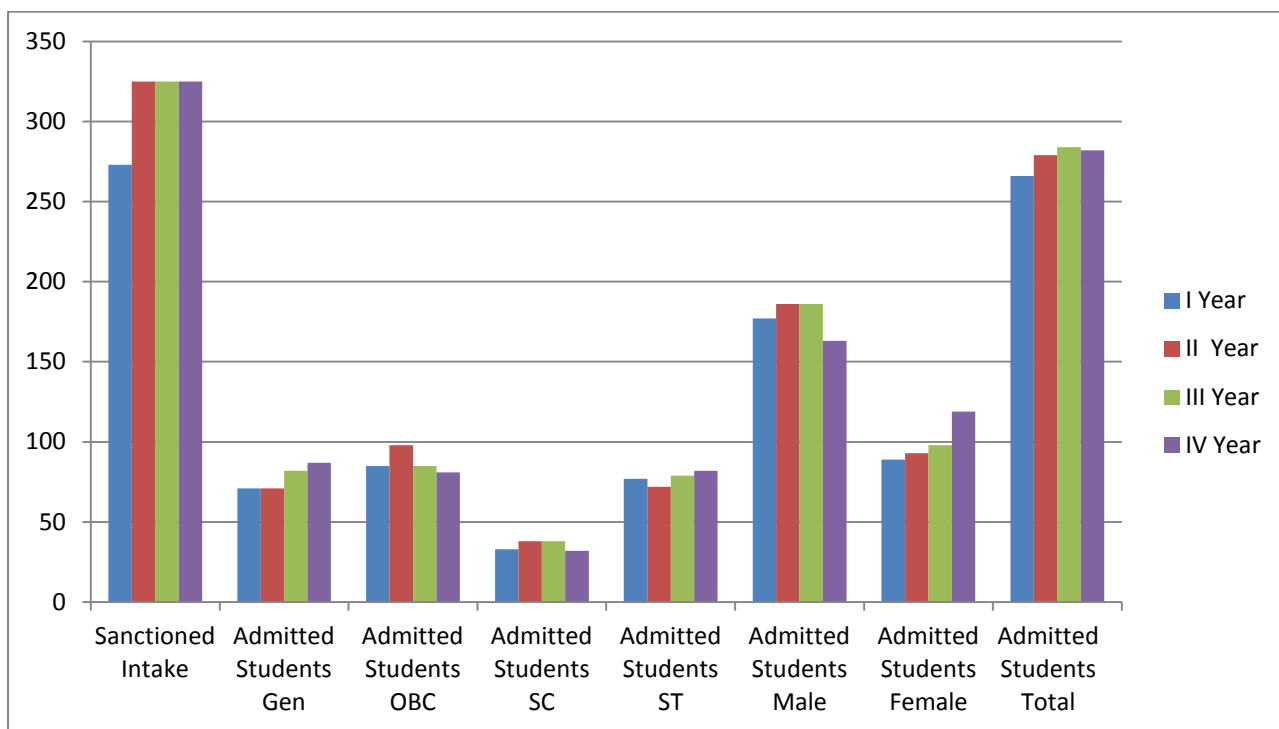|		
Name of Head of Institution	:	Dr. B. S. Chawla
Designation	:	Principal
Mobile No	:	9424144099
Email id	:	principalgecbilaspur@gmail.com
		bschawlamech@gmail.com

2. प्रवेश संक्षेपिका(Admission Summary)

सत्र 2019–20 में शासकीय इंजीनियरिंग महाविद्यालय बिलासपुर में टेक्यूप–3 के अंतर्गत शैक्षणिक व अन्य पाठ्येतर गतिविधियों का विवरण निम्नानुसार है :–

इस विद्यालय की स्थापना सन् 1964 में तीन ब्रांच सिविल, मेकेनिकल एवं इलेक्ट्रिकल ब्रांच के साथ हुई, वर्तमान में संस्था में सात ब्रांच में स्नातक पाठ्यक्रम व एक में स्नातकोत्तर पाठ्यक्रम संचालित है जिनका विवरण निम्नानुसार है :–

स्नातक / स्नातकोत्तर पाठ्यक्रम	ए.आई.सी.टी.ई. द्वारा अनुमोदित वर्तमान सीट की संख्या	प्रारंभ होने का वर्ष
B. TECH. (CIVIL)	20	1964
B. TECH. (COMPUTER)	40	2000
B. TECH. (ELECTRICAL)	60	1964
B. TECH. (ELECTRONICS & TELECOMMUNICATION)	40	2000
B. TECH. (MECHANICAL)	40	1964
B. TECH. (MINING)	20	1986
B. TECH. (INFORMATION TECHNOLOGY)	40	2000
M. TECH. (THERMAL ENGG.)	18	2020-21

उपरोक्त के अतिरिक्त संस्था मे प्रथम वर्ष मेंSanctioned Intakeके 5% TFW (Tuition fee Waiver)एवं द्वितीय वर्ष मेंSanctioned Intakeके 20% सीटो पर Lateral Entry द्वारा अतिरिक्त प्रवेश दिया जाता है। संस्था के सत्र 2019–20 में विभिन्न वर्ग के प्रवेशित छात्रो की संख्या निम्नानुसार हैं :–

Year	Sanctioned Intake	Admitted Students (Gen)	Admitted Students OBC	Admitted Students SC	Admitted Students ST	Admitted Students Total Male	Admitted Students Total Female	Grand Total
I Year	273	71	85	33	77	177	89	266
II Year	325	71	98	38	72	186	93	279
III Year	325	82	85	38	79	186	98	284
IV Year	325	87	81	32	82	163	119	282

संस्था में शासन द्वारा लागू आरक्षण नियमो का पालन किया जाता है। छत्तीसगढ शासन द्वारा संस्था की छात्राओ को शिक्षण शुल्क मे छूट दी गयी है। इसके अलावा समस्त प्रकार की राज्य स्तरीय एवं केन्द्रीय छात्रवृत्ति का लाभ छात्रों को प्राप्त होता है।

प्रथम वर्ष की छात्रा अपना परिचय देते हुए

3. Academic Calendar

July to Dec. 2019

S. No.	Date	Events
1	22 July	Start of session (V, VII sem)
2	29 July	Start of session (I&III sem)
3	29 July- 17 August	Induction Programme for I sem (3week)
4	2nd week of August	Tree Plantation
5	14 August	Last date of admission in any class
6	15 August	Independence Day
7	Last week of August	Formation of students union (if applicable)
8	12-14 September	CT-I for VII sem
9	16 September	Engineer's Day/Fresher's welcome/ Oath Ceremony
10	17 September	Vishwakarma Puja
11	25-27 September	CT-I for III, V sem
12	30 September to 03 October	CT-I for I sem
13	02 October	Swachh Bharat Abhiyan/ Gandhi Jayanti
14	31 October	Run for Unity
15	6-8 November	CT-II for VII sem
16	9 November	Grand Viva for (VII sem)
17	10-19 November	PL for (VII sem)
18	11 November	National Education Day
19	18-21 November	CT-II for(III&V sem
20	20 November- 02 December	ESE (VII sem)
21	22 November	Grand Viva V sem
22	23 November	Grand Viva III sem
23	24 November to 03 December	PL for V sem
24	25 November to 04 December	PL for III sem
25	04-16 December	ESE V sem
26	05-19 December	ESE III sem
27	09-11 December	CT-II for I sem
28	12 December	Grand Viva for I sem
29	13-22 December	PL for I sem
30	23 December to 18 January	ESE I sem
		Other Activities as per CSVTU Calendar or Instruction related/other department

Jan to June 2020

S. No.	Date	Events
1	2nd January	Start of session (VI, VIII sem)
2	15th January	Start of session (IV sem)
3	26th January	Republic Day
4	27th January	Start of session (II sem)
5	27th Feb to 29th Feb	Annual Sports
6	5th to 7th March	CT –I (VIII sem)
7	12th to 14th March	CT –I (IV & VI sem)
8	19th to 21th March	Annual Day and other activities
9	08th , 9th ,11th April	CT –II (VIII sem) CT –I (II sem)
10	13th April	Grand Viva (VIII sem)
11	15th to 24th April	PL for (VIII sem)
12	25th to 6th May	ESE (VIII sem)
13	28th to 30th April	CT –II (IV & VI sem)
14	1st May	Grand Viva (VI sem)
15	2nd May	Grand Viva (IV sem)
16	2nd to 10th May	PL for (VI sem)
17	3rd to 11th May	PL for (IV sem)
18	6th , 8th , 9th May	CT –II (II sem)
19	11th to 22th May	ESE (VI sem)
20	12th May to 23th May	ESE (IV sem)
21	15th May	Grand Viva (II sem)
22	17th May to 26th May	PL (II sem)
23	27th May to 24th June	ESE (II sem)
24	1st June to 30th June	Vocational Training of IV& VI Sem
25	1st July to 20th July	Vocational Training of II sem
		Other Activities as per CSVTU Calendar or Instruction related/other department

4. Infrastructure

Academic:-

Sr.No.	Description	Quantity
1	Class Rooms	25
2	Seminar room	07
3	Laboratory	59
4	Meeting Hall	01
5	Assembly Hall	01

Library & Facilities:-

Sr. No.	Programme	ENGINEERING AND TECHNOLOGY	Number of Titles	21999
1	Number of Volumes	65733	Number of Journals published in India	54
	Number of Journals published at Abroad	1	Number of eBook Volumes-UG	345
	Number of eBook Volumes-PG	0	Number of eBook Volumes-Diploma	0
	Number of eBook Titles-UG	345	Number of eBook Titles-PG	0
	Number of eBook Titles-Diploma	0		

Computational Facilities:-

Sr. No.	Description	Quantity	Description	Quantity
1	PCs/Laptop exclusively available to students:	245	PCs/Laptop available in Library:	10
2	PCs/Laptop available in Administrative Office:	15	PCs/Laptop available to Faculty Members:	55
3	Number of PCs/Laptop in language lab:	25	Internet Bandwidth in Mbps:	100
4	Number of Legal Application software:	26	Printers available to student:	20
5	Number of A1 Size Color Printers:	0	Number of Legal System software:	99
6	Number of Open Source Software	3	Number of Proprietary	Data Not Available

Residential Facilities:-

Type of Quarters	Number
C Type	07
E Type	11
F Type	16
G Type	08
H Type	08
I Type	16
Warden	03
Visitor's	01
Total	70

Hostel Facilities:-

	Boys Hostel	Girl's Hostel
Name of Hostel	Amarkantk, Panchsheel, Shahid Veernarayan	Arpa, Bilasa
No. of Hostel	03	02
Total Capacity	276	140
Location	Within the Campus	

5. Departments' Profile

Name of Department	:	Civil Engineering Department
Starting Year	:	1964
U.G. Programme offered	:	B. Tech.
Intake	:	20
Accreditation Status	:	B. Tech Programme is accreditated byNational Board of Accreditation for academic year 2019-20, 2020-21
P.G. Programme	:	M. Tech. (Structural Engg.) proposed from academic year 2021-22 with an intake of 18
Research Programme	:	Ph. D. Programme is offered from C.S.V.T.U Bhilai from the year 2020-21

Vision of Department:

To produce globally acclaimed civil engineers with the required attitudes, knowledge and skills

Mission of Department:

1. Impart technical competencies in civil infrastructure sectors to enhance higher studies, employability and entrepreneurship.

2. Promote research, testing and consultancy activities to meet the need of construction sectors and society.

3. Inculcate ethical values of leadership qualities for sustainable civil infrastructure development for all sectors of society.

Major Laboratories:

Concrete lab, Transportation Engg Lab. Geotechnical Engg Lab, Computer Lab, Environmental Engg Lab, Fluid Mechanics Lab, Surveying Lab, Structural Engg Lab, Remote sensing and GIS lab, Project Lab.

Important Equipments:

Universal Testing Machine, Compression Testing Machine, Los angels apparatus, Ductility apparatus, Impact Testing Machine, Tri-axial Testing Machines, Turbines, Air monitoring kit, Spectrophotometer, Total Station.

Testing Offered:

All test related to civil engineering materials, survey, environmental engg.

Faculty Details:

Sr. No.	Faculty Name	Designation	Highest Qualification	Specialization	Contact No.	Email ID
1	Dr. M L Agrawal	Professor & Head	Ph. D.	Civil Engg	88390 07256	mlagrawal1710@gmail.com
2	Dr. Seema Chauhan	Associate Professor	Ph. D.	Civil Engg	83197 49220	cseema1608@yahoo.co.in
3	Mr Aditya Singh	Asst. professor	M. Tech	Civil Engg	93405 99365	ce.adityasingh@gmail.com
4	Ms Preeti Rajput	Asst. professor	M. Tech	Civil Engg	80857 85841	preetisse@gmail.com

Faculty of Civil Engineering and other department attending Faculty Development Program at C.G. Administrative Academy, Nimora, Raipur (02-07 Dec 2019).

Name of Department	:	Computer Science Engineering				

Name of Department : Computer Science Engineering

Starting Year : 2000

U.G. Programme offered : B. Tech.

Intake : 40

Accreditation Status : Not Accredited

P.G. Programme : Nil

Research Programme : Nil

Major Laboratories:

Soft Computing Lab, Advance Computing Lab, Project Lab, Language Lab, Central Lab
Important Equipment:

45 Computers with 4GB and 2GB RAM with Windows -10 and Linux operating system,

Software:

MS SQL, Java, Visual Prolog 9.0, Dot Net, Android Studio

Testing Offered: Nil

Training Offered: Nil

Faculty Details:

Faculty Name	Designation	Highest Qualification	Specialization	Nature of appointment	Contact Number	Email Address
Vishnu Pras Verma	Asst. Professor	M. Tech	Computer Science	Part time	79748-28775	vishnuprasadverma22@gmail.com
Prince Kumar Sahu	Asst. Professor	M Tech	Computer science	Part time	88890-85282	princesahu.22@gmail.com
Alka Pandey	Asst. Professor	M.Tech	Computer science and engineering	Part time	+91758 71-78308	alka.nimmi28@gmail.com
Sanchita Chourawar	Asst. Professor	M.Tech	CSE	Part time	83195-53241	sanchhdeep@gmail.com
Jai Prakash Kushwaha	Asst. Professor	Mtech	Information security	Part time	70476-21098	jaiprakashrgh93@gmail.com

Name of Department	:	Electrical Engineering
Starting Year	:	1964
U.G. Programme offered	:	B. Tech.
Intake	:	60
Accreditation Status	:	B. Tech Programme is accreditated byNational Board of Accreditation for academic year 2019-20, 2020-21
P.G. Programme	:	Applied for Post –Graduation course in Power system
Research Programme	:	Ph. D. Programme is offered from C.S.V.T.U Bhilai from the year 2020-21

Vision of Department:

To become a state of art knowledge incubation center in the area of electrical engineering, to create manpower and technologies for sustainable development

Mission of Department:

•Enabling electrical engineering graduates with the latest technological competencies.

• Providing sustainable solution for energy to the industries and promoting research.

• Imbibing self-learning attitude and professional ethics in graduates.

Major Laboratories:

AC machine Lab/ workshop Lab, D C Machine Lab, Instrumentation Lab/ Circuit Lab, Electronics/Microprocessor/power electronics lab, Computer Lab, Control Lab, High voltage Lab, Electrical Drive &Switchgear and Protection Lab.

Important Equipments:

8085 Microprocessor kit, C.R.O., Function Generator, Computers, Printers, MATLAB, MiPower, Digital Podium, PID controller Training Kit, Synchronous Transmitter receiver Trainer, High voltage DC/AC transformer, Oil testing set, Variable Frequency Drive, AC Motor Speed Controller trainer, Transformer protection training kit, Generator Protection Training Kit,

Testing Offered:

1. Transformer oil testing (breakdown voltage of oil)
2. Cable testing (Insulation Resistance)
3. Determining KVA rating of a welding transformer
4. Determiningrating of Induction Motor
5. Calibration of Ammeter
6. Calibration of voltmeter
7. Calibration of Earth testing
8. Calibration of Insulation testing
9. Calibration of Megger

Training Offered:

1. Various Tests on AC machines.

2. Various Tests on DC machines.

3. Various Tests on Transformer.

4. Various Tests related to HV lab.

5. Programming and Simulation of 8085 microprocessor.

6. Training on various test and measuring Instruments.

7. Training on various basic electronics equipments/ components.

8. Training on various Control System related equipments.

9. Training on various equipments related to Switchgear Protection equipments.

10. Training on various equipments related to Electrical Drive lab.

11. Training on Industrial and domestic wiring for Wireman.

Faculty Details:

Sr. No.	Faculty Name	Designation	Highest Qualification	Specialization	Contact No.	Email ID
1	Dr. Sanjay Kumar Singhai	Professor	Ph.D.	Electrical Engineering	94792-30832	ersanjaysinghai@gmail.com
2	Dr. K. K. Saxena	Associate Professor	Ph.D	Power System	79749-17454	saxenakishor68@gmail.com
3	Dr. Anil Kumar Shukla	Associate Professor	Ph.D	Power System	97558-65511	akshu_1967@yahoo.com
4	Prof.Sanjay Kumar Dewangan	Assistant Professor	M.Tech.	Power Electronics	88787-40348	elecengsanjay@gmail.com
5	Prof.Prince Kumar	Asst. Professor (Contractual, TEQIP)	M. Tech.	Control System	82104-22925	mr.princekumar92@gmail.com
6	Dr. Rohit K. Mathew	Asst. Professor (Contractual, TEQIP)	Ph.D.	Power System	94467-61771	rohitkmathew@gmail.com
7	Prof. Deepi Singh	Asst. Professor (Contractual, TEQIP)	M.Tech.	Power & Control	95161-68781	deepisingh234@gmail.com
8	Prof. SampadBarik	Asst. Professor (Contractual, TEQIP)	M.Tech.	System & Control	75510-97244	sampadbarik5@gmail.com
9	Prof. Rajeshwar Vaishnava	Asst. Professor (Contractual, TEQIP)	M.Tech.	Renewable Energy	81032-04454	rahulrajeshwar.1991@gmail.com

Name of Department	:	Electronics and Telecommunication Engineering
Starting Year	:	2000
U.G. Programme offered	:	B. Tech.
Intake	:	40
Research Programme	:	Ph. D. Programme is offered from C.S.V.T.U Bhilai from the year 2020-21

Vision of Department:

To establish the department as a center of excellence by imparting in depth knowledge to the students and cater to the ever changing industrial demands, global and societal needs

Mission of Department:

- To groom the students with strong foundations of electronics and telecommunication engineering to make them competent and employable.

- To provide ethical and value based education by promoting activities addressing the societal needs.

- To develop skills to solve state of the art challenges.

Major Laboratories:

- Communication System Lab, Electronics Lab/ DLD/ Analog Electronics Lab, Microprocessor/Microcontroller/VLSI Lab, Computer Lab.

Important Equipment/infrastructure:

- Smart classrooms, MATLAB-2019, Proteus, Lab View software, Microwave Bench.

Projects:

- One AICTE sponsored CRS project with a fund of 10 Lakh rupees.

Faculty Details:

Sr. No.	Faculty Name	Designation	Highest Qualification	Specialization	Contact No.	Email ID
1	Dr. M R Meshram	Associate Professor	Ph.D	Microwave & Radar Engg.	94255-35366	meshram66@gmail.com
2	Prof. UmashankarDewangan	Assistant Professor	M.Tech	Communication System	79879-93244	usdewangan16@gmail.com
3	Prof. Sourabh Yadav	Assistant Professor	M.Tech	Instrumentation & Control	88710-89917	sourabhyadav14@gmail.com
4	Prof. Deepika Bairagi	Assistant Professor	M.Tech	Instrumentation & Control	78988-41366	o.deepi@gmail.com
5	Prof. Rahul Gupta	Assistant Professor	M.Tech	Communication System	81209-20917	rahul30gupta@gmail.com
6	Prof. Utsav Malviya	Assistant Professor	M.Tech	Embedded System	99776-79810	utsav00706@gmail.com
7	Prof. Deepak Asati	Assistant Professor	M.Tech	VLSI Design	88177-92685	da.207324@gmail.com
8	Prof. CL Lalani	Assistant Professor	M.Tech	Opto-electronics & Optical Comm	94149-68144	champs.lalani@gmail.com
9	Prof. Gopal Kumar	Assistant Professor	M.Tech	VLSI Design	70046-95912	hit.gopal@gmail.com
10	Prof. Vaikuntapu Rama Krishna	Assistant Professor	M.Tech	VLSI Design	99295-00462	ramakrisknavaikutapu@gmail.com
11	Prof. Vivek Singh Rathore	Assistant Professor	M.Tech	Electronics & Communication	70651-26687	singhrathorevivek1@gmail.com

Faculty and staff of Electronics & Telecommunication Department

Name of Department	:	Information Technology Department
Starting Year	:	2000
U.G. Programme offered	:	B. Tech.
Intake	:	40
P.G. Programme	:	Nil
Research Programme	:	Nil

Major Laboratories:

IT computer lab, project lab, hardware lab, software testing and language lab.

Important Equipments:

Acer computer, Dell Computer, Lenovo Computer, Dell tower server, HP Rack Server.

Software

Visual prolog, VB.Net., MS SQL

Faculty Details:

Sr. No.	Faculty Name	Designation	Highest Qualification	Specialization	Contact No.	Email ID
1	Bindu Tiger	Part-Time Lecturer	M. Tech	Computer Science And Application	7000203310	bindutiger.it@gmail.com
2	Samiksha Shukla	Part-Time Lecturer	M.Tech	Computer Science and Engineering	9770832766	samikshashukla0603@gmail.com
3	Kunal Kumar	Part-Time Lecturer	MTECH	INFORMATION TECHNOLOGY	8085273680	kunalkumar.karan@gmail.com
4	Deepali Soni	Part-Time Lecturer	M.Tech	Information Technology	9425529665	sonideepali1595@gmail.com
5	Prachi Soni	Part-Time Lecturer	M.tech	IT	07770827724	prachisoni3333@gmail.com

Name of Department	:	Mechanical EngineeringDepartment
Starting Year	:	1964
U.G. Programme offered	:	B. Tech.
Intake	:	40
Accreditation Status	:	B. Tech Programme is accreditated byNational Board of Accreditation for academic year 2019-20, 2020-21
P.G. Programme	:	M. Tech. (Thermal Engg.) from academic year 2020-21 with an intake of 18
Research Programme	:	Ph. D. Programme is offered from C.S.V.T.U Bhilai from the year 2020-21

Vision of Department:

To produce Mechanical Engineers of high technical competencies, innovative ideas, research and entrepreneurial ability of global standard.

Mission of Department:

- To develop center of excellence in core areas of Mechanical Engineering.
- To give basic concepts of subject and technological skill to apply the knowledge, analyze problems of Mechanical Engineering systems for society.
- To develop linkages with institute and industry of national importance for excellence in teaching, research and course attainment.

Major Laboratories:

Design & Dynamics, I.C. Engine & Automobile, Refrigeration & Air Conditioning, Thermodynamics, Material Testing, Robotics, Measurement, Heat and Mass Transfer, Production, Computer, Computer Aided Design, Workshop.

Important Equipments:

CNC lathe, CNC Milling, Flexible Manufacturing System, Computerized 100T Universal Testing Machine, TIG & MIG Welding Machine, 4,5,& 6 Axis Robots

Testing Offered:

Tensile, compressive, Hardness Testing, Calibration of measuring   Instruments, Design & Drawing

Training Offered : Training on CNC Lathe, CNC Milling, Ansys.

Faculty Details:

Sr. No.	Faculty Name	Designation	Highest Qualification	Specialization	Contact No.	Email ID
1	Dr. B.S. Chawla	Principal	Ph. D.	Mechanical	94241-44099	principalgecbilaspur@gmail.com bschawlamech@gmail.com
2	Dr. G. K. Agrawal	Professor & Head	Ph. D.	Mechanical	94062-13464	gka1966@yahoo.com
3	Prof. Sandip Kumar Sahu	Asst. Professor	M. Tech	Thermal Engg.	79743-17374	sksahu.gecb@gmail.com
4	Prof. Avinash Ranjan Patnaik	Asst. Professor	M. Tech	Thermal Engg.	78389-19577	avinash.ind@gmail.com
5	Prof. Satish Kumar Gavel	Asst. Professor	M. Tech	Thermal Engg.	95753-29918	Gavel.satish@gmail.com
6	Prof. Shyam Singh Kanwar	Asst. Professor	M. Tech	Fluid& Thermal	81094-88581	Shyamkanwar21@gmail.com
7	Prof. Praveen Kujur	Asst. Professor	M. Tech	Thermal Engg.	80857-73950	Praveenwill.kujur@gmail.com
8	Prof. Uday Khakha	Asst. Professor	M. Tech	Design	94063-64996	Jd.mail.uk2@gmail.com
9	Prof. Aprup Bhattacharya	Asst. Professor (Part Time)	M. SC. (Engg.)	Machine Design & Systems	88955-00550	ashibuga@gamail.com
10	Prof. R. K. Singh	Asst. Professor (Part Time)	M. Tech	Industrial Engg. and Management	94077-66445	rksingh1948@gmail.com

Teacher's day celebration

Name of the Department : Mining Engineering

Starting Year : 1986

U.G. Programme offered : B. Tech.

Intake : 20

Accreditation status : B. Tech. Mining Engineering programme is accredited by National Board of Accreditation for academic year 2019-20, 2020 -21

Vision of the department:

To become a premiere institute in the field of Mining Engineering Education by imparting quality education as well as innovative research for the sustainable development of society and Nation.

Mission of the Department:

1) To impart quality practical knowledge, innovative research activity and improved teaching learning methods in well equipped labs & well established infrastructure.

2) To promote Industry Institute interaction and sharing knowledge to bridge the gap between the outputs and requirement of the industries.

Major Laboratories: Mine surveying Lab, Rock Mechanics Lab, Computer Lab, Strata Control Lab, Mine Machinery Lab, Mine Geology Lab, Mine Environment Lab, Mineral Dressing Lab, Blasting Engg. Lab, Mine Models

Important Equipments: Total station, EDM, Auto level, Micro optic theodolite, UTM, Porosity Testing Machine, Density Testing Machine, Point Load Testing machine, Protodyaknov testing Machine, Blast Mate, Gas Chromatograph Machine

Faculty Details:

Sr.No.	Faculty Name	Designation	Highest Qualification	Specialization	Contact Number	Email ID
1	S.B.S. Tekam	Asso. Professor	M.Tech.	Mine Planning	91316-42432	sbstekam69@gmail.com
2	Akkhilesh Kerketta	Asst. Professor	M.Tech.	Mine Planning	79875-61486	akhileshkerketta06@gmail.com
3	Subham Ghosh	Part Time Lecturer	M.Tech.	Mining Engg.	79993-58662	Shubhamghosh19082@gmail.com

Technical visit of Mining students

Faculty from Science &Humanities Department

S.No.	Faculty Name	Designation	Highest Qualification	Specialization	Contact Number	Email ID
1	Dr. G. S. Singh	Professor	Ph.D.	Mathematics	79997-25736	gssmathe@gmail.com
2	Dr. S. K. Dabadghao	Asso. Professor	Ph.D.	Mathematics	94241-52669	santoshdabadghao@gmail.com
3	Prof. Anil Kumar Khatri	Asst. Professor	M. SC.	Mathematics	98271-94881	anilkhatri24@rediff.com
4	Prof. Navin Kumar Verma	Asst. Professor	M. SC.	Chemistry	70007-07558	aprof.navin@gmail.com
5	Prof. Manesh Mandavi	Asst. Professor	M. SC.	Chemistry	97131-62212	maneshmandavi1@gmail.com
6	Prof. Tokeshwar Dewangan	Asst. Professor	M. SC.	Physics	70002-19291	nanuu889@gmail.com
7	Prof. Resham Kumar Dahriya	Asst. Professor	M. SC.	Physics	99261-64981	rdahriya96@gmail.com
8	Prof. Indranee Borkar	Asst. Professor	M. A. M. Phil.	English	90986-40094	indraniborkar@gmail.com

6. Result Analysis

Session 2018-19(Even Sem Jan-June 2019)

Branch	2nd Semester			4th Semester			6th Semester			8th Semester		
	Total Students	No. of Students Passed	Pass %	Total Students	No. of Students Passed	Pass %	Total Students	No. of Students Passed	Pass %	Total Students	No. of Students Passed	Pass %
Civil	21	18	85.7	25	16	64.0	25	22	88.0	25	18	72.0
Computer	38	27	71.1	50	40	80.0	43	39	90.7	43	35	81.4
Electrical	59	31	52.5	73	38	52.1	66	39	59.1	71	61	85.9
ET & T	34	12	35.3	34	23	67.6	43	32	74.4	39	30	76.9
I.T.	35	16	45.7	40	22	55.0	39	22	56.4	29	29	100.0
Mech.	38	22	57.9	45	28	62.2	43	29	67.4	48	46	95.8
Mining	21	10	47.6	21	13	61.9	22	15	68.18	22	22	100.0

Session 2019-20 (Odd Sem July-Dec 2020)

Branch	1st Semester			3rd Semester			5th Semester			7th Semester		
	Total Students	No. of Students Passed	Pass %	Total Students	No. of Students Passed	Pass %	Total Students	No. of Students Passed	Pass %	Total Students	No. of Students Passed	Pass %
Civil	20	15	75.0	23	12	52.2	25	20	80.0	25	22	88.0
Computer	42	22	52.4	43	31	72.1	49	43	87.8	44	43	97.7
Electrical	60	38	63.3	68	52	76.5	70	46	65.7	66	47	71.2
ET & T	38	13	34.2	42	16	38.1	31	24	77.4	45	40	88.9
I.T.	40	17	42.5	36	22	61.1	39	24	61.5	36	35	97.2
Mech.	43	28	65.1	43	35	81.4	44	35	79.5	41	38	92.7
Mining	20	7	35.0	23	11	47.8	19	14	73.7	21	18	85.7

TRANSITION RATE B.Tech. Ist year 2019-20

No. of students in 2nd semester in year 2019-20									
CATEGORY	MALE			FEMALE			TOTAL		
	STU. APPEARED	TOTAL PASS	PASS %	STU. APPEARED	TOTAL PASS	PASS %	STU. APPEARED	TOTAL PASS	PASS %
SC	26	12	46.2	6	2	33.3	32	14	43.8
ST	51	15	29.4	26	9	34.6	77	24	31.2
OBC	56	33	58.9	28	20	71.4	84	53	63.1
OTHERS (INCLUDING GEN.)	41	27	65.9	29	22	75.9	70	49	70.0
TOTAL	174	87	50.0	89	53	59.6	263	140	53.2

7. NBA Related Activities

1. For Civil and Mechanical Department,NBA visit took place during 22.02.2019 -24-02-2019.Institute received letter of accreditation for both departments on 20.03.2019.

2. For Electrical, Electronics and Mining Departments, NBA visit took place during 13.09.2019-15.09.2019 and institute got letter of accreditation of Electrical and Mining department on 04.02.2020.

3. Institute filed an appeal application on 24.03.2020 on NBA portal for Electronics & Telecommunication programme but meeting is pending due to Covid-19.

4. Institute applied for a PG course to AICTE on the basis of NBA,for opening M. Tech in Thermal Engineering and got the permission from AICTE. This course will be run in Mechanical Engineering Department with an intake of 18.

Felicitation of Principal Dr B S Chawla by ACS Smt Renu G. Pillay & DTE Shri Pushpendra Meena on Accreditation of Electrical &Mining Engg. Program

8. GATE Training

GATE Training for final year, pre final year and second year students was organized. Total 224 Students appeared for GATE 2020 Examination and 24 students qualified. GATE Training, Crash course, GATE Study Material were provided to 280 students of final Year. For the training of final and pre final year students Rs. 33.72 lacs was spent. Rs. 10.78 lacs was spent for the training of second year students. GATE Examination Fees of Rs. 2.49 lacs was refunded to 224 students. The list of GATE 2020 qualified student are as follows:-

Sr. No.	Name of students	Branch	Gender	Category	GATE Rank
1	RAHUL KUMAR GUPTA	CIVIL	Male	OBC	12024
2	SAURABH KUMAR DEWANGAN		Male	OBC	10603
3	AMARDEEP BHAGAT	COMPUTER SCIENCE	Male	ST	10915
4	HIMALAYA PRAKASH		Male	OBC	11251
5	PREETY SINGH		Female	General	13494
6	S SRAVYA SRI		Female	General	6458
7	ZAHRA SAKTIWALA		Female	General	11627
8	AADITYA DEWANGAN	ELECTRICAL	Male	OBC	10793
9	BHUMIKA GUPTA		Female	General	7094
10	PARESH PATEL		Male	General	7306
11	SARTHAK NEMA		Male	General	11977
12	SINDHUJA MISHRA		Female	General	11055
13	RAJKIRAN GUPTA	INFORMATION TECHNOLOGY	Male	General	8537
14	SONU KUMAR		Male	OBC	9645
15	AISHWARYA	MECHANICAL	Female	General	14973
16	AJAY KUMAR SAHU		Male	OBC	9398
17	ALANKAR SAHU		Male	OBC	18254
18	MOHAMMED AARISH AMEEN		Male	General	17447
19	PRABHAT SINGH PARIHAR		Male	General	12147
20	SHUBHAM SONI		Male	OBC	9928
21	SUDHIR KUMAR GUPTA		Male	General	13144
22	TEJASVI KUMAR KASHYAP		Male	OBC	22992
23	PAWAN KUMAR MODI	MINING	Male	General	412
24	SHANTANU GUPTA		Male	General	142

SUMMARY

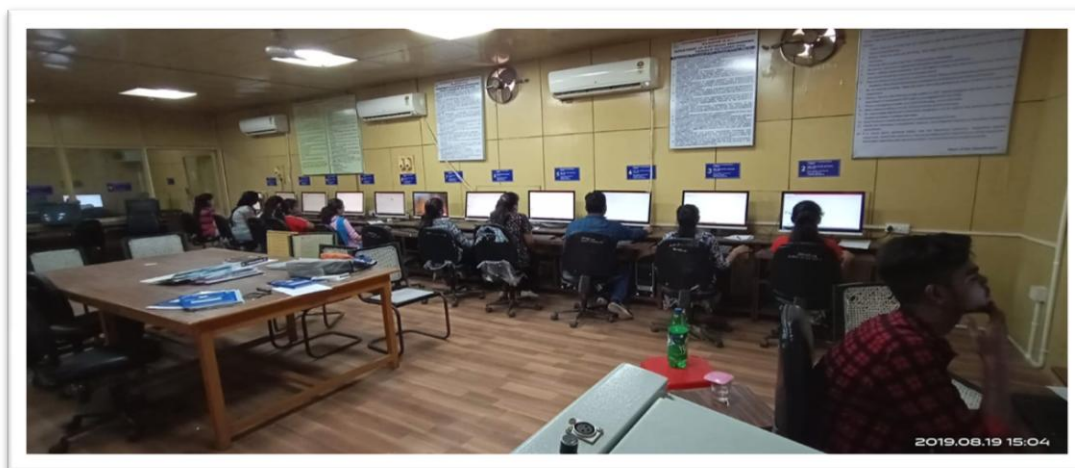| Sr. No.	Branch	Number of GATE qualified students
1	Civil	2
2	Computer Science	5
3	Electrical	5
4	Electronics & Telecommunication	0
5	Information Technology	2
6	Mechanical	8
7	Mining	2
Total		**24**
Student appeared in GATE 2020		**224**
% of students qualified GATE 2020		**10.71**

9. Students Training

Employability Skill Training

Employability skill training for the students of GEC Bilaspur for the year 2019 was begun on 07.08.19. The service provider was Triumphant Institute of Management Education (TIME), and the contract was signed on 19.07.19. As a part of Training Benchmark Test AMCAT test was conducted by Aspiring Minds Assessment Pvt. Ltd and 1083 out of 1111 (97%) students have appeared for the test during 19.08.2019-31.08.2019.

The EST training was conducted two days a week i.e on Wednesday and Friday with each class of two hours duration (From 8 AM to 10 AM) which commenced on 07/08/2019. A total of 146 students enrolled in the training in 2019 with SC category students--15.06%, ST students-28.08% and female student-38.35% s.

The weekly attendance of students was monitored regularly. Also weekly meetings were conducted with the Faculty. Study materials are distributed to the students for preparation along with the classes. Also a crash course training was conducted for final year students during 15.10.2019-19.10.2019, for placements interviews and many students have been selected in various companies in the pool campus recruitment drive held at Raipur.

The EST training is also provided for the first year students at our College. The service provider is CL Educate Ltd. Total 184 students have enrolled for the training which begun on 25.02.2020. In the training the focus was mostly on development of soft skills for the students, along with Logical Reasoning, and Aptitude. Weekly meetings of review committee were conducted with the Faculty to monitor the progress of the training.

Test of Students in Employability Skill Training

Technical Training Details

S.No	Session	Venue	Branch	No. of Students Participated	Semester	Module	Schedule	Duration
1	2019-20	NIT Raipur	ET&T	5	5th & 7th	MatLab & Simulink	22nd-26th Aug. 2019	1 Week
2			EE	6	7th			
3		NIT Rourkela	ET&T	13	7th	Modern Wireless Communication : Towards 5G	25th-29th Sep 2019	1 Week
4		IIIT Naya Raipur	ET&T	4	7th	Python/ IoT / Machine Learning/ Sensors & Ardino	26th Dec. 2019 to 2nd Jan 2020	1 Week
5			CSE	9				
6			IT	9				
7		ICT Academy IIT Kanpur	ET&T	14	5th	Internet of Things (IoT)	31st Dec 2019 to 12th Jan. 2020	2 Weeks
8			Mining	14				
9			Electrical	24		Machine Learning		
10			CSE	32				
11			IT	19				
12			Mech.	27		Python		
13			Civil	14				
14		IIIT Naya Raipur	ET&T	2	8th	IOT & Robotics using Matlab	4th-6th March 2020	3 Days
15			Mech.	2				

SoftSkill Training Details

S.No	Session	Venue	Branch	No. of Students Participated	Semester	Module	Schedule	Duration
1	2019-20	GEC Bilaspur	All Branch	190	7th	How to make Effective Resume by CVDragon, Kolkata	17th Oct 2019	1 Day
2		NIT Rourkela	Mining	4	5th	Soft Skill Training Program (Preparation of GD & PI)	25th-26th Jan 2020	2 Days
3			Civil	2				
4			IT	2				
5		GEC Bilaspur	All Branch	152	6th	Latest demant of IT Industry by HR Expert of Pie-Infocomm Pvt. Ltd. Lucknow	19th Feb 2020	1 Day
6		NIT Rourkela	Mechanical	2	5th	Soft Skill Training Program (Preparation of GD & PI)	29th Feb.-1st March 2020	2 Days
7			CSE	2				
8			IT	2				
9			ETC	2				
10			Mining	2				
11			EE	2				
12			Civil	2				

Summary of Industrial Visit (Session 2019-20)

S.No	Session	Date	Name of Industry / Firm	Place	Branch	Beneficiary Students	Duration	No. of Students Participated
1	2019-20	27th Sep 2019	HTTP CSEB, Korba	Korba	Electrical	5th / 7th Semester	1 Day	60
2		15th Oct 2019	Hasdev Bango Dam	Korba	Mechanical	5th Semester	1 Day	36
3		19th Oct 2019	Power Grid	Bharari	Electrical	5th Semester	1 Day	53
4		11th Nov 2019	CIPET	Raipur	Mechanical	7th Semester	1 Day	38
5		23rd Nov 2019	CSPDCL	Nehru Nagar Bilaspur	Electrical	3rd Semester	1 Day	68
6		19th - 21st Dec 2019	BRBRAITT (BSNL)	Jabalpur	ET&T	7th Semester	3 Days	30
7		29th-31st Jan 2020	BRBRAITT (BSNL)	Jabalpur	CS/IT	7th Semester	3 Days	41

Industrial visit of Electrical Engg. Students

10.Faculty Development Program

Faculties at Government Engineering CollegeBilaspur are encouraged to attend FDPs for enhancing their technical skills, knowledge in thrust areas etc. Faculties of GEC Bilaspur have attended trainings in various domains viz Management, Administrative, Accreditation, Skill development etc.

List of faculty attending training program in 2019-20

S.No.	Date of Activity	Name of Activity	Place of Activity	Head of Activity	Remark (Name of Beneficiary)
1	01-05 July 2019	Introduction to computational method for fluid flow and heat transfer problems	NIT ROURKELA	CFD, Heat Transfer, Fluid Flow	1. Prof. Sandip Kumar Sahu 2. Prof. Shyam Singh Kanwar 3. Prof. Satish Kumar Gavel
2	04-24 July 2019	NDT of Concrete structures	CSIR CHENNAI	NDT	1. Prof. Aditya singh
3	08-12 July 2019	End to end innovation program	IIT Bombay	KITE-knowledge incubation	1. Dr. B. S. Chawla 2. K. S. Patel 3. Utsav Kumar Malviya
4	15-19 July 2019	Carbon Capture and Storage	NIT ROURKELA	Carbon Emission	1. AvinashRanjan Patnaik
5	15-19 July 2019	Professional Development Training Program	IIM Vishakhapatnam	Administration	1. Dr G K Agrawal
6	16-29 July 2019	CAE Using ANSYS	CIPET Raipur	ANSYS Software	1. Shyam Singh Kanwar
7	16-29 July 2019	MATLAB & Simulink	CTTC Bhubaneswar	MATLAB	1. Prof. Preeti Rajput
8	27-Jul-19	NPTEL SPOC Workshop	Salt lake city Kolkata	FSD	1. Prof. Sourabh Yadav 2. Prof. DeepikaBairagi
9	05-09 Aug 2019	Industry - Institute- Interface for Entrepreneurship Development	NIT Rourkela	FSD	1. Prof. Preeti Rajput 2. Prof. Sanjay Dewangan 3. Prof. UdayKhakha 4. Prof. Sourabh Yadav
10	06-09 Aug 2019	Technical Leadership Program at AICTE New Delhi Phase-1 under UKIERI	AICTE NEW DELHI	Leadership	1. Dr. S K Singhai 2. Dr. Seema Chauhan
11	7-Aug-19	SAR Filing	Atal Nagar Raipur	FSD	1. Prof. RajeshawrVaishnav

S.No.	Date of Activity	Name of Activity	Place of Activity	Head of Activity	Remark (Name of Beneficiary)
12	08-12 Aug 2019	Industry Institute Interface for Entrepreneurship Development	NIT Rourkela	Entrepreneurship	1. Prof. Preeti Rajput 2. Prof. UdayKhakha
13	20-Aug-19	Workshop "Awareness Program on gender equality in workplace"	NIT Rourkela	FSD	1. Prof. DeepikaBairagi
14	21-Aug-19	Environment Safeguard workshop on progress of EMP Implementation	Bhubaneswar	FSD	1. Prof. Gopal Kumar
15	22-26 Aug 2019	Research Methodology in Engineering A Practical Insight for Researchers (RME 2019)	NIT Rourkela	FSD	1. Dr. G. K. Agrawal 2. Prof. AvinashRanjan Patnaik 3. Prof. Aditya Singh 4. Prof. ChampalalLalani 5. Prof. Prince Kumar
16	4-Sep-19	TNA Workshop	Raipur	FSD	1. Prof. Sourabh Yadav
17	4-Sep-19	ERP Implementation	New Delhi	FSD	1. Prof. UdayKhakha
18	18-Sep-19	OBE Workshop	Nimora, Raipur	FSD	1. Prof. Umashankar Dewangan 2. Prof. Sourabh Yadav
19	24-28 Sept 2019	Modern Wireless Communication : Towards 5G	NIT Rourkela	FSD	1. Prof. UmashankarDewangan
20	7-Oct-19	"AICTE: Norms Standard and Quality Initiatives and Technical Teachers Training Sensitization"	GEC Raipur Sejbahar	FSD	1. Dr. K. K. Saxsena 2. Prof. DeepikaBairagi 3. Prof. Sanjay Dewangan 4. Prof. UtsavMalviya 5. Prof. AvinashRanjan Patnaik
21	10-15 Oct 2019	Visual Modflow flex and HGA	Hyderabad	FSD	1. Prof. Preeti Rajput
22	12-Oct-19	Teaching Learning and Examination Scheme of New Curriculum 2019	CSVTU Bhilai	FSD	1. Prof. Navin Kumar Verma 2. Prof. Sandip Kumar Sahu
23	13-15 Nov 2019	mainstreaming disaster management in infrastructure and disaster resilient construction	Chhattisgarh Administrative Academy Nimora, Raipur C.G.	Disaster Management	1. Prof. Aditya singh 2.Prof. Preeti Rajput

S.No.	Date of Activity	Name of Activity	Place of Activity	Head of Activity	Remark (Name of Beneficiary)
24	18-22 Nov 2019	Professional Development Training at IIM Raipur	IIM Raipur	Professional Development Program	1. Dr.S.K.Singhai
25	02-07 Dec 2019	Refresher Course	Chhattisgarh Administrative Academy Nimora, Raipur C.G.	Administration	1. Dr.S.K.Singhai 2. Dr. G K Agrawal 3. Prof. S B S Tekam 4. Prof. Seema Chauhan 5. Dr. M L Agrawal 6. Dr M R Meshram 7. Prof. Sourabh Yadav
26	06-10 Dec 2019	Entrepreneurship, Innovation & design	IIT, DELHI	Entrepreneur-ship	1. Prof. Aditya singh 2. Prof. Gopal kumar 3. Prof. Rajeshwar Vaishnava
27	09-12 Dec 2019	Technical Leadership Program at JIET Jodhpur Phase-2 under UKIERI.	AICTE,Jodhpur	Leadership	1. Dr.S.K.Singhai 2. Dr. Seema Chauhan
28	16-21 Dec 2019	Course on Electrical Machine and power Electronics	IIT Gandhi Nagar	FSD	1. Prof. RajeshwarVaishnav
29	26 Dec 2019 to 01 Jan 2020	Induction Programme for polytechnic lectures and Engineering College Asst. Professor	Chhattisgarh Administrative Academy Nimora, Raipur C.G.	Administrative	1. Prof. Sandip Kumar Sahu 2. Prof. Shyam Singh Kanwar 3. Prof. Preeti Rajput 4. Prof. SanjayDewangan 5. Prof. ManeshMandavi
30	27-28 Dec 2019	International Conference on Innovation Trends & Advance Engg & Technology	College of Engg. Sheagaon M. H.	FSD	1. Prof. Deepika Bairagi
31	27-28 Dec 2019	Introduction to Robotics -E yantra	IIT Bombay	Workshop-skill development	1. Prof. Utsav Kumar Malviya
32	27-31 Dec 2019	Power Electronic Converters in Grid Integration of Renewable Energy Sources	MNIT Jaipur	STC	1. Prof. Deepi Singh 2. Prof. Prince Kumar
33	27 Dec 2019 to 15 Jan 2020	Induction Programme for polytechnic lectures and Engineering College Assistant Professor	Chhattisgarh Administrative Academy Nimora, Raipur C.G.	Administrative	1. Ms. IndraneeBorkar

S.No.	Date of Activity	Name of Activity	Place of Activity	Head of Activity	Remark (Name of Beneficiary)
34	13-17 Jan 2020	Management Development Program	IIM Indore	Management	1. Dr .S.K.Singhai 2. Dr. G K Agrawal 3. Dr. Seema Chauhan
35	20-22 Jan 2020	Profession Development Training	IIM Tiruchirappalli	Management	1. Dr. A K Shukla 2. Dr M R Meshram 3. Dr G S Singh 4. Prof. S B S Tekam
36	21-Jan-20	Workshop on Quality Assurance (EST & GATE Training)	Chhattisgarh Administrative Academy Nimora, Raipur C.G.	FSD	1. Prof. Vivek Singh Rathore
37	28 Jan to 01 Feb 2020	Professional Development Training	IIM Raipur	FSD	1. Prof. Gopal Kumar
38	30 Jan 20 to 02 Feb 2020	Solid Mechanics	IIT Bhilai	FSD	1. Prof. Shyam Singh Kanwar
39	7-9 Feb 2020	Workshop on Power Electronics	IIT Bhilai	Power electronics	1. Prof. Gopal Kumar
40	10-21 Feb 2020	Training of future Skills Technologies: Cyber Security	IIT Roorkee	FDP-future skill	1. Prof. Vivek Singh Rathore
41	24-28 Feb 2020	Future Skill Training IoT	IIT Bombay	FSD	1. Prof. UmashankarDewangan
42	3-15 March 2020	Robotics and Automation	IIT Guwahati	FSD	1. Prof. UdayKhakha 2. Prof. Shyam SinghKanwar
43	4-6 March 2020	Robotics and AI using MATLAB	IIIT new raipur	Research	1. Utsav Kumar Malviya
44	5-7 March 2020	Training of faculties for Student Induction Program	SMVD University, Katra, Jammu	FSD	1. Prof. Resham Kumar Dahariya 2. Prof. Manesh Kumar Mandavi

Note: Total number of faculty attended Training program in the year of 2019-20 = 89

Among the above, SC, ST and Female Faculties who attended the programmes are 100%, 71% and 100% respectively.

11.Online Certification

Percentage of faculty that have taken annual refresher delivered through SWAYAM Portal.

Since Annual refresher courses are not opened for Jan-Apr 2020 session none of our faculty can register for ARPIT courses. Instead of this all our faculties have been registered in SWAYAM portal and 21/42 faculty members are registered for SWAYAM NPTEL Exam and 26/42 faculty members have got certificate from SWAYAM-TEQIP digital Pedagogy some faculty are registered in AICTE NITTT exam.

Summary – Total Faculty -42

S.No	Course	Enrollment	Registration for Exam	Percentage of registration
1	SWAYAM Course(Digital Pedagogy,NPTEL,NITTT)	42	28	66.66%

List of faculty Registered for NPTEL 2020

S.No	Name	Email	Course	Code	Branch
1	UTSAV KUMAR MALVIYA	utsav00706@gmail.com	CMOS Digital VLSI Design	noc20-ee29	Electronics and Communication Engineering
2	UTSAV KUMAR MALVIYA	utsav00706@gmail.com	Discrete Time Signal Processing	noc20-ee31	Electronics and Communication Engineering
3	ANIL KUMAR SHUKLA	ak123shukla@gmail.com	Matlab Programming for Numerical Computation	noc20-ge05	Electrical Engineering
4	VIVEK SINGH RATHORE	singhrathorevivek1@gmail.com	Automatic Control	noc20-me25	Electronics and Communication Engineering
5	KISHOR KUMAR SAXENA	saxenakishor68@gmail.com	1.Recent Advances in Transmission Insulator 2. Power System Engg.	noc20-ee43 noc20-ee39	Electrical Engineering
6	SATISH KUMAR GAVEL	gavel.satish@gmail.com	IC Engines and Gas Turbines	noc20-me42	Mechanical Engineering
7	SAMPAD BARIK	sampadbarik555@gmail.com	Control Engineering	noc20-ee22	Electrical Engineering
8	ROHIT K MATHEW	rohitkmathew@gmail.com	Non-Conventional Energy Resources	noc20-ge06	Electrical Engineering
9	VIVEK SINGH RATHORE	singhrathorevivek1@gmail.com	Signals and Systems	noc20-ee06	Electronics and Communication Engineering
10	PRAVEEN KUMAR KUJUR	praveenwill.kujur@gmail.com	Manufacturing Process Technology I & II	noc20-me14	Mechanical Engineering

S.No	Name	Email	Course	Code	Branch
11	UTSAV KUMAR MALVIYA	utsav00706@gmail.com	Introduction to internet of things	noc20-cs22	Electronics and Communication Engineering
12	UTSAV KUMAR MALVIYA	utsav00706@gmail.com	Microprocessors and Interfacing	noc20-ee11	Electronics and Communication Engineering
13	CHAMPALAL LALANI	champs.lalani@gmail.com	Principles of Communication Systems - I	noc20-ee16	Electronics and Communication Engineering
14	GAJENDRA KUMAR AGRAWAL	gka2010@gmail.com	NBA Accreditation and Teaching - Learning in Engineering (NATE)	noc20-ge11	Mechanical Engineering
15	INDRANEE BORKAR	indraneeborkar@gmail.com	Literary Criticism (From Plato to Leavis)	noc20-hs04	English
16	DEEPIKA BAIRAGI	o.deepi@gmail.com	Principles of Signals and Systems	noc20-ee15	Electronics and Communication Engineering
17	AVINASH RANJAN PATNAIK	avinash.ind26@gmail.com	IC Engines and Gas Turbines	noc20-me42	Mechanical Engineering
18	ANIL K KHATRI	anilkhatri24@rediff.com	1. Mathematical Methods and its Applications 2. Transform Calculus and its Applications in Differential Equations	-	Mathematics
19	DEEPI SINGH	deepisingh234@gmail.com	1. Control Engineering 2. Matlab Programming for Numerical Computation	noc20-ee22 -	Electrical Engineering
20	V. RAMAKRISHNA	ramakrisknavaikutapu@gmail.com	Cryptography and Network Security	-	Electronics and Communication Engineering
21	PRINCE KUMAR	mr.princekumar92@gmail.com	Control Engineering	noc20-ee22	Electrical Engineering

NPTEL 2019 Certificate List

S.No	Name	Course	Email -Id	Branch	Certificate
1	INDRANEE BORKAR	Technical English for Engineers	indraneeborkar@gmail.com	English	Elite+Silver
2	ANIL KUMAR SHUKLA	Introduction to Smart Grid	ak123shukla@gmail.com	Electrical Engineering	Elite+Silver
3	PREETI RAJPUT	Global Navigation Satellite Systems And Applications	preetisse@gmail.com	Civil Engineering	Elite
4	CHAMPALAL LALANI	Control engineering - Online	champs.lalani@gmail.com	Electronics and Communication Engineering	Elite
5	INDRANEE BORKAR	Indian Fiction in English - Online	indraneeborkar@gmail.com	English	Successfully completed
6	ANIL KUMAR SHUKLA	Neural Networks for Signal Processing I - Online	ak123shukla@gmail.com	Electrical Engineering	Elite
7	Kishor Kumar Saxsena	Fundamental of Electrical Engineering	saxenakishor68@gmail.com	Electrical Engineering	elite
8	Preeti Rajput	Remote sensing and Digital image processing of satellite data	preetisse@gmail.com	civil engineering	elite

List of faculty awarded SWAYAM-TEQIP OnlineCertification on Digital Transformation inTeaching Learning Process (Two Week Course)

S.No	Faculty	S.No	Faculty	S.No	Faculty
1.	Dr S K Singhai	10	Prince Kumar	19	Akhilesh Kerketta
2.	Dr. G K Agrawal	11.	Resham Dahariya	20	Champalal Lalani
3.	Dr. A K Shukla	12	Avinash Ranjan Patnaik	21	Satish Gavel
4.	Dr. K K Saxena	13.	Deepi Singh	22	Deepak Asati
5.	Sanjay Dewangan	14.	Umashankar dewangan	23	Aditya Singh
6.	Sandip Ku Sahu	15.	Sourabh Yadav	24	Uday Khakha
7.	Praveen Kujur	16	Deepika Bairagi	25	Indranee Borkar
8	Rajeshwer Vaishnav	17	Vivek Singh Rathor	26	Rohit Mathew
9.	Sampad Barik	18	Gopal Kumar		

12.Campus Placement Data

List of Students selected in Campus Recruitment Drive till 14th March 2020

S.No	Name of the Selected Student	Gender	Branch	Name of the Firm	Salary Offered	On Campus/ Off Campus/ Pool Campus
1	BHAVESH GAUR	MALE	CS	Techment Technologies	2.75L CTC	Pool Campus
				SMILEBOTS RAIPUR	2.4L CTC	Pool Campus
				Smartel, Hyderabad	2.4L CTC	On Campus
				Zimetrics Technologies Pvt. Ltd	2.65L CTC	On Campus
2	HIMALAYA PRAKASH	MALE	CS	GLOBUSSOFT TECHNOLOGIES	1.8L CTC	Pool Campus
				TCS	3.24 L CTC	Off Campus
				Wipro	3.5 L CTC	Off Campus
				IBM	3.5L CTC	Off Campus
3	ZAHRA SHAKTIWALA	FEMALE	CS	Techment Technologies	2.75L CTC	On Campus
				Smartel, Hyderabad	2.4L CTC	On Campus
				Zimetrics Technologies Pvt. Ltd	2.65L CTC	On Campus
4	S. SRVYA SRI	FEMALE	CS	Techment Technologies	2.75L CTC	On Campus
				Smartel, Hyderabad	2.4L CTC	On Campus
				Zimetrics Technologies Pvt. Ltd	2.65L CTC	On Campus
5	AMBER KESHARWANI	MALE	CS	Techment Technologies	2.75L CTC	On Campus
6	MUDIT SHARMA	MALE	CS	Smartel, Hyderabad	2.4L CTC	On Campus
				Code Nicely Raipur	2.4L CTC	Off Campus
7	PREETY SINGH	FEMALE	CS	Sjain Ventures	1.62 L CTC	Pool Campus
				GLOBUSSOFT TECHNOLOGIES	1.8L CTC	Pool Campus
				Techment Technologies	2.75L CTC	On Campus
				Analytics Valley Bangalore	2L CTC	Pool Campus
				Zimetrics Technologies Pvt. Ltd	2.65L CTC	On Campus
8	ANNU UPADHYAY	FEMALE	CS	Sjain Ventures	1.62 L CTC	Pool Campus
9	PRIYANKA DODEJA	FEMALE	CS	Code Nicely Raipur	2.4 L CTC	Pool Campus
10	SIDDHANT SARKAR	MALE	CS	Code Nicely Raipur	2.4 L CTC	Pool Campus
				Techment Technologies	2.75L CTC	Pool Campus
				SMILEBOTS RAIPUR	2.4L CTC	Pool Campus
				Smartel, Hyderabad	2.4L CTC	On Campus
				Zimetrics Technologies Pvt. Ltd	2.65L CTC	On Campus

S.No	Name of the Selected Student	Gender	Branch	Name of the Firm	Salary Offered	On Campus/ Off Campus/ Pool Campus
11	AMAN YADAV	MALE	CS	GLOBUSSOFT TECHNOLOGIES	1.2L CTC	Pool Campus
				Techment Technologies	2.75L CTC	On Campus
12	DEEPTHI RATHORE	FEMALE	CS	Kinsu Hub Pvt. Ltd. Bangalore	1.5 L CTC	Pool Campus
13	PRIYANKA KULKARNI	FEMALE	CS	Nsight Inc	3-3.5L CTC	On Campus
				Kinsu Hub Pvt. Ltd. Bangalore	1.5 L CTC	Pool Campus
14	DILESHWARI	FEMALE	CS	Sjain Ventures	1.62 L CTC	Pool Campus
				Pie Infocomm Lucknow	3.5 L CTC	On Campus
15	SHIVANGI	FEMALE	CS	Smartel, Hyderabad	2.4L CTC	On Campus
				Pie Infocomm Lucknow	3.5 L CTC	On Campus
16	PRAKASH SINHA	MALE	CS	Smartel, Hyderabad	2.4L CTC	On Campus
				Analytics Valley Bangalore	2L CTC	Pool Campus
				Bit Technology Pvt. Ltd.	2.5 L CTC	Pool Campus
				Zimetrics Technologies Pvt. Ltd	2.65L CTC	On Campus
17	SWARNIM SHUKLA	MALE	CS	SSTeleservices,Kurukshetra	2.6L CTC	ON CAMPUS
				Proximity IT Solutions	2L CTC	Pool Campus
				Bit Technology Pvt. Ltd.	2.5 L CTC	Pool Campus
18	RAHUL DAS	MALE	CS	Zimetrics Technologies Pvt. Ltd	2.65L CTC	On Campus
19	ANKIT BANSAL	MALE	CS	Zimetrics Technologies Pvt. Ltd	2.65L CTC	On Campus
20	ARVIND KUMAR	MALE	CS	JUST DIAL	3.08L CTC	Off Campus
21	SEJAL AYADE	FEMALE	CS	ANV DIGI SOLUTIONS		Pool Campus
				TATVA GROUP		Pool Campus
				Nsight Inc	3-3.5LCTC	On Campus
22	SANCHI KUMARI	FEMALE	IT	Kinsu Hub Pvt. Ltd. Bangalore	1.8 L CTC	Pool Campus
				Collabera	2.4 L CTC	Off Campus
				Proximity IT Solutions	3.6L CTC	Pool Campus
23	NEHA SHRIVASTAV	FEMALE	IT	Pie Infocomm Lucknow	3.5 L CTC	Pool Campus
24	ANUSHKA SINGH	FEMALE	IT	Sjain Ventures	1.62 L CTC	Pool Campus
25	JYOTI TIWARI	FEMALE	IT	SS Teleservices, Kurukshetra	2.6L CTC	ON CAMPUS
26	RUPA SINGH	FEMALE	IT	Collabera	2.4L CTC	Off Campus
27	ADITI TIWARI	FEMALE	IT	Nsight Inc	3-3.5L CTC	On Campus

S.No	Name of the Selected Student	Gender	Branch	Name of the Firm	Salary Offered	On Campus/ Off Campus/ Pool Campus
28	AJAY KUMAR SAHU	MALE	ME	Pie Infocomm Lucknow	3.5 L CTC	Pool Campus
29	SAURABH GUPTA	MALE	ME	Pie Infocomm Lucknow	3.5 L CTC	Pool Campus
30	SUDHIR KUMAR GUPTA	MALE	ME	Pie Infocomm Lucknow	3.5 L CTC	Pool Campus
31	TENZIN DADUL	MALE	ME	Pie Infocomm Lucknow	3.5 L CTC	Pool Campus
32	AISHWARYA	FEMALE	ME	Pie Infocomm Lucknow	3.5 L CTC	Pool Campus
				GLOBUSSOFT TECHNOLOGIES	1.2L CTC	Pool Campus
33	RUPESH CHANDRA PAL	MALE	ME	Pie Infocomm Lucknow	3.5 L CTC	Pool Campus
34	GOPI KISHAN SAHU	MALE	ME	Pie Infocomm Lucknow	3.5 L CTC	On Campus
35	SHUBHAM SONI	MALE	ME	Pie Infocomm Lucknow	3.5 L CTC	On Campus
				KESAR EARTH SOLUTIONS	1.8 L CTC	Pool Campus
36	BHAVNA BHARTI	FEMALE	ME	Pie Infocomm Lucknow	3.5 L CTC	On Campus
37	ALANKAR SAHU	MALE	ME	Pie Infocomm Lucknow	3.5 L CTC	On Campus
38	RASHMEET KAUR	FEMALE	ME	Pie Infocomm Lucknow	3.5 L CTC	On Campus
39	BHUMIKA GUPTA	FEMALE	EL	Pie Infocomm Lucknow	3.5 L CTC	Pool Campus
40	AKANSHA OGRE	FEMALE	EL	GLOBUSSOFT TECHNOLOGIES	1.2L CTC	Pool Campus
41	DIVYANSH SAHU	MALE	CE	DOUBTNUT	5.4 L CTC	Off Campus
42	VINEETA EKKA	FEMALE	CE	Pie Infocomm Lucknow	3.5 L CTC	Pool Campus
43	SUSHANT KUMAR SONI	MALE	ET	Pie Infocomm Lucknow	3.5 L CTC	Pool Campus
				SS TELESERVICES, KURUKSHETRA	2.6L CTC	ON CAMPUS
44	MAYANK KANWAR	MALE	ET	SS TELESERVICES, KURUKSHETRA	2.6L CTC	ON CAMPUS
45	YAMUNA SAHU	MALE	ET	SS TELESERVICES, KURUKSHETRA	2.6L CTC	ON CAMPUS
46	GIRISH BELANI	MALE	ET	SS TELESERVICES, KURUKSHETRA	2.6L CTC	ON CAMPUS
47	NIKHIL KUMAR	MALE	ET	SS TELESERVICES, KURUKSHETRA	2.6L CTC	ON CAMPUS

S.No	Name of the Selected Student	Gender	Branch	Name of the Firm	Salary Offered	On Campus/ Off Campus/ Pool Campus
48	CHHATRAPAL SINGH	MALE	ET	SS TELESERVICES, KURUKSHETRA	2.6L CTC	On Campus
49	RACHIT AGRAWAL	MALE	ET	SS TELESERVICES, KURUKSHETRA	2.6L CTC	On Campus
50	ROHIT EDNANI	MALE	ET	SS TELESERVICES, KURUKSHETRA	2.6L CTC	On Campus
51	SAHIB GORAKH	MALE	ET	Kinsu Hub Pvt. Ltd. Bangalore	1.8L CTC	Pool Campus
52	SAURABH K. DEWANGAN	MALE	CIVIL	Agla Kadam	1.8 L CTC	Pool Campus
53	AMAN JAIN	MALE	IT	ANV DIGI SOLUTIONS	1.8 L CTC	Pool Campus
				Jain Softwares	1.8 L CTC	Pool Campus
				Agla Kadam	1.8 L CTC	Pool Campus
54	BHUPENDRA KUMAR CHANDRAKAR	MALE	CS	Bit Technology PVT. LTD.	3 L CTC	Pool Campus
55	ABHISHEK KUMAR MEHTA	MALE	MINING	GAYATRI ENTERPRISES	2.4 L CTC	Pool Campus
56	AKASH SHARMA	MALE	MINING	GAYATRI ENTERPRISES	2.4 L CTC	Pool Campus
57	NEELKAMAL YADAV	MALE	MINING	GAYATRI ENTERPRISES	2.4 L CTC	Pool Campus
58	PREM LAL	MALE	MINING	GAYATRI ENTERPRISES	2.4 L CTC	Pool Campus
59	ASMANJAS	MALE	ME	Raipur Automobile Dealer Association-Rme Works	2.4 L CTC	Pool Campus
60	PINKY SHRIVAS	FEMALE	EE	TMC Mining	2.4 L CTC	Pool Campus
61	KOMAL PATEL	FEMALE	IT	Proximity IT Solutions	2-3.6 L CTC	Pool Campus
62	M PADMAJA	FEMALE	IT	Proximity IT Solutions	2-3.6 L CTC	Pool Campus
63	ALPANA LAKRA	FEMALE	IT	Proximity IT Solutions	2-3.6 L CTC	Pool Campus

Students with their appointment letter

13.Collaborative Research Scheme (CRS)

Topic:DESIGN OF AREA OPTIMIZED SUBSET I2C (SI2C) PROTOCOL FOR MOBILE DEVICES USING VHDL

Investigator Details

Mr. UTSAV MALVIYA	Principal Investigator	Government Engineering College, Bilaspur
Mr. GOPAL KUMAR	Co-Principal Investigator	Government Engineering College, Bilaspur
Mr. AYAS SWAIN	Co-Principal Investigator	NIT Rourkela

CRS Fund Sanction Details

Faculty ID	CRS Application ID	Non-Recurring Amount	Domestic Travel Amount	Contingencies Amount Recommended	Consumables Amount Recommended	Miscellaneous Amount Recommended	Total Amount (Round-off)
1-4183682385	1-5738545038	833333	60000	16667	116667	33333	1060000
Amount Received							860000
Amount Used							342626
Amount Remains							517374

CRS Review Result by AICTE (held in Delhi at 22 February 2019)

Equipment purchase order issued: YES -Xilinx VIVADO software tool purchased and FPGA boards are purchased.

Payment of procurement done: Justified -Xilinx VIVADO software tool payment done

Project Completed in percentage- Justified -60 % work done, Coding and Simulation started, getting desired results

Achievement of project objectives and outcomes so far-Objective is partially completed as software is procured and 40% of overall work (coding + documentation) is done. One paper is published in IEEE SCOPUS index Conference, One paper is submitted in SCOPUS Journal is under review.

Project should be allowed to continue or not: Allowed-Project Should be Continue

Work Done

- Literature survey
- Problem statements done
- Letter for additional fund is been sent to NPIU, action pending
- Procurement plan is done, tools and hardware identifies, Vendor identified, Estimation and propriety received by vendor after permission grant procurement will process ASAP
- Review paper is finalized and published in IEEE Scopus index proceeding
- Two items out of 4 items have been procured already, one item quotations are received, one another item needs to be procure in near future.
- Simulations and coding are done only validation with FPGA kits remains.
- Implementation paper is also communicated in SCOPUS journal.

CRS Micro-Level Action Plan

Sr. No.	Activity	Time
1	Requirement, Specification, Block preparation, Literature Survey	Done
2	Approval of Procurement Plan by SPIU	23/09/2019
3	Initiation of Procurement Process: call for quotation	24/09/2019
4	Quotation Evaluation meeting	25/09/2019
5	Issue of Purchase Order	30/09/2019
6	Receipt of Equipment	10/10/2019
7	Payment process	12/10/2019
8	Literature Review paper publication in High impact journal	October - November 2019
9	UC certificate submission and Demand for next fund to release	October-2019
10	RTL Entry or coding of modules and verification	November-19 to March-20
12	Simulation of RTL codes (During Lock down)	March'20 to June'20
13	hardware procurement process (During Lock down)	March'20 to June'20
14	Preparation of manuscript for research publication (During Lock down)	March'20 to June'20
15	CO-PI sir meeting at NIT Rourkela and work discussion	July'20 to August '20
16	Implementation of design on hardware(FPGA)	August'20 to September'20
17	Peer discussion on results	August'20 to September'20
19	Submission of research paper in SCI journal/ book chapter etc.	August'20 to September'20
20	Conclusion of project	August'20 to September'20
21	Submission of final Utilization Certificate	September'20

Title: Development of novel Metrics and Models using micro grids for enhancing the grid Resilience

Investigator Details:

1	Dr. ROHIT K MATHEW	Principal Investigator	Government Engineering College, Bilaspur
2	Dr. ASHOK S.	Co-Principal Investigator	NIT Calicut
3	Dr. KUMARAVEL S.	Co-Principal Investigator	NIT Calicut
4	Smt. C RETHI NAIR	Co-Principal Investigator	SRLDC Bangalore

CRS Fund Sanction Details:

Faculty ID	CRS Application ID	Non-Recurring Amount	Domestic Travel Amount	Contingencies Amount Recommended	Consumables Amount Recommended	Miscellaneous Amount Recommended	Total Amount (Round-off)(Rs)
1-14183681723	1-5763956663	166667	65000	26667	0	36667	295000/-
Amount Received							147500/-
Amount Used							8109/-

CRS Review Result by AICTE (held in Delhi at 22 February 2020)

All equipment have been finalized and P.O of Rs 132750/- has been released on 17.02.2020
40% as part of mathematical model has been done and a research paper has been drafted.
Project Completed in percentage- Justified - 40 % work done, including mathematical modeling.
Achievement of project objectives and outcomes so far- One paper is drafted.
Project should be allowed to continue or not: Allowed- Project Should be Continue

Work Done
Literature survey

Procurement plan is done, an P.O. for the Ist purchase is released on 17.02.2020

Partial Mathematical modeling is done.

Research paper drafted and is correction in process.

CRS Micro-Level Action Plan

		CRS Micro-Level Action Plan		
Sr. No.	**Activity**	**Time**	**Remark**
1	Requirement, Specifications, Literature Survey	1-Oct-19	Documents Prepared
2	Approval of Procurement Plan by SPIU	6-Nov-19	Approved in October 2019
3	Initiation of Procurement Process: call for 1st purchase quotation	8-Nov-19	Software Tool Quotation called by 20 October
4	Quotation Evaluation meeting	14-Dec-19	Quotation Evolution meeting done by 25 October
5	Issue of Purchase Order	19-Dec-19	Purchase order issued to deliver the Equipment by 09 January 2020
6	Mathematical Model and Simulation	December'2019	Mathematical modeling is done partly and simulations are carried out on standard IEEE test systems
7	Research paper preparation	January 2020	A research paper is drafted using the simulation results
8	Meeting for Cancellation of P.O. and Issue of amended P.O.	12-Feb-20	Purchase committee meeting was held on 12 Feb 2020
9	Releasing the new P.O.	17-Feb-20	With last to deliver the equipment by 19 March 2020
10	UC certificate submission and Demand for next fund to release	February 2020	Received 2nd installment in January
11	Call for quotations for UPS	March-2020-(Lockdown Period)	Issue of enquiry letters for purchase of UPS
12	CO-PI sir meeting at NIT Calicut and work discussion	March-2020-(Lockdown Period)	Planned in March 2020
13	Payment process :Ist purchase	March-2020-(Lockdown Period)	Payment for 1st purchase expected in the last week of March 2020 but delayed due to Nationwide Lockdown
14	Quotation Evaluation meeting :2nd purchase	July 2020	Evaluation meeting and deciding L1

Sr. No.	Activity	Time	Remark
15	Issue of Purchase Order :2nd purchase	July, 2020	Issue of P.O. for UPS
16	Payment process :2nd purchase	July, 2020	Expected in end of July 2020
17	Field Data collection and validation of model	August, 2020	Collecting data from affected areas
18	CO-PI sir meeting at NIT Calicut and work discussion	August ,2020	Planned between 10-15August 2020
19	Preparation of manuscript for Research publications	August-20	Paper and Documentation of Draft paper
20	Submission of research paper in SCI journal/ book chapter etc.	August-20	Publication in SCI/SCOPUS Journals
21	Conclusion of project and Reporting	September-20	Presentation and reporting
22	Submission of final Utilization Certificate	September-20	Planned in September 2020

CRS Progress Report as on 03.03.20

S.N	Institute Name	Pi Name	Sanctioned Amount	Total Proc. Plan	Expenditure	Po Amount And Date	Material Receiving Date /Expected Date	Invitation Amount and Date	Invitation Opening Date	Remark
1	GEC Bilaspur	Mr. Rohit K Mathew	2.95 L	1.66 L	Rs 8109/-	Rs 132750/- 17.02.20	19.03.20			The product is in transit and delivery is delayed due to COVID-19

14.Research & Development

1. Civil, Mechanical, Electrical, Electronics and Telecommunication program have been recognized as Research Center by Chhattisgarh Swami Vivekanand Technical University Bhilai form academic session 2020 -21.
2. List of publications by faculty are as follows..

Sl No	Author Name(s)	Depart ment	Whe ther refe rred / peer revi ewe d (yes /No)	Wheth er nation al/ interna tional	Wheth er Journ al/ Proce edings /Book / chapt er	Title of book/ proceedi ngs/ book/ chapter	Name of Journal/pro ceeding/ book/ chapter	Volume & issue no	ISBN/ ISSN/ DOI no.	Page nos. (from-to)	Publica tion Month/ year (mm/yy)	Whe ther joint (yes /No)	If joint, Name of other institutio ns	Remarks
1	Dr G K Agrawal	Mech .E .	Yes	Interna tional	Proce eding	Strength Analysis of Thermally Preheated Friction Stir Welding Joint on Aluminium Alloy 8011	4th International Conference on Advances in Steel, Power and Construction Technology	-	-	-	Novem ber 2019	Yes	CEC Bilaspur	
						Strength Analysis of Friction Stir Welding [FSW] Joint under minimum FSW Tool Rotation Speed	2nd International Conference on Recent Trends in Renewable Energy and Sustainable Global Development	-	-	-	January 2020	Yes	CEC Bilaspur	
						Performan ce Analysis on Flow Through S-Shaped Diffusers	CSVTU Research Journal	Vol 8 No 2 [2019]: CSVTU RJ	0974 -8725	129-136	January 2020	Yes	IIT Bombay	
2	Dr. Rohit K Mathew	EE	Yes	Interna tional	Journ al	An efficient and fast fault recovery algorithm for a resilient grid under extreme events		Energy Sources Part A: Recovery Utilization and Environm ental Effects	1556-7036	doi.org/ 10.1080 /155670 36.2019 .165237 1	August 2019	Yes	NIT Calicut	

Sl No	Author Name(s)	Department	Whether referred/peer reviewed (yes/No)	Whether national/international	Whether Journal/Proceedings/Book/chapter	Title of book/proceedings/book/chapter	Name of Journal/proceeding/book/chapter	Volume & issue no	ISBN/ISSN/DOI no.	Page nos. (from-to)	Publication Month/year (mm/yy)	Whether joint (yes/No)	If joint, Name of other institutions	Remarks
3	Utsav Kumar Malviya	E&T	Yes	International	Proceeding	Tiny I2C Protocol for Camera Command Exchange in CSI-2: A Review	ICICT-2020, IEEE international conference	doi: 10.1109/ICICT48043.2020.9112536	978-1-7281-4684-3	177-182	Feb-2020	Yes	NIT Rourkela	
			Yes	International	Proceeding	Tumor Detection in MRI Images using Modified Multi-level Otsu Thresholding (MLOT) and Cross-Correlation of Principle Components	ICCMC-2020, IEEE international Conference	DOI: 10.1109/ICCMC48092.2020.ICCMC-00026	978-1-7281-4888-5	129-134	March-2020	No		
			Yes	International	Proceeding	Design and Verification of High-Speed Radix-2 Butterfly FFT Module for DSP Applications	ICOEI-2020, IEEE international Conference	-	978-1-7281-5517-3	34-40	June-2020	No		

15.Twinning Activities

August 2019-June 2020

Serial No	Activity	Duration	Venue (Mentor-Mentee Institute)	No. of Participant		Corresponding Point as per Twining Guideline
				Student	Faculty	
1	Workshop On Industry Institute Interface for Entrepreneurship Development	5August to 9 August 2019	NIT Rourkela	Nil	4	4
2	Workshop on "Awareness Program on Gender Equity in Workplace	20-Aug-19	NIT Rourkela	4 Girls	3	2,4
3	Short Term Course on Research Methodology in Engineering	22August to 26 August 2019	NIT Rourkela	Nil	5	4
4	Classes Conducted by faculty of NIT Rourkela for Students of IT Branch (Artificial Intelligence)	14-15 September 2019	GEC Bilaspur	40	Nil	3
5	Classes Conducted by faculty of NIT Rourkela for Students of IT Branch (Data Mining)	21-22 September	GEC Bilaspur	40	Nil	3
6	Classes Conducted by faculty of NIT Rourkela for Students of IT Branch (Artificial Intelligence)	28-29 September	GEC Bilaspur	40	Nil	3
7	Classes Conducted by faculty of NIT Rourkela for Students of CSE Branch (Network Programming)	28-29 September	GEC Bilaspur	40	Nil	3
8	Short Term Course on Modern Wireless Communication toward 5G	25-29 September 2019	NIT Rourkela	14	1	2,4
9	Classes Conducted by faculty of NIT Rourkela for Students of IT Branch (Data Mining)	10-13 October 2019	GEC Bilaspur	40	Nil	3
10	Meeting for Twinning Programs	11th November 2019	GEC Bilaspur	Nil	6	1
11	Faculty of GEC Bilaspur Inducted in Various Committee of NIT Rourkela	11th November 2019	GEC Bilaspur	Nil	6	11
12	Soft skill Training Program for improving Presentation & Interview skills	25-26 January 2020	NIT Rourkela	8	Nil	9
13	Training Program for Technician	24-27 February 2020	NIT Rourkela	0	4	4
14	Soft skill Training Program for improving Presentation & Interview skills for 6th semester students	29 February-01 March 2020	NIT Rourkela	14	Nil	9

16.Startup & Innovation

Session 2019-2020

Serial No.	Event/Activities/Participation	Date	Students Benefited
1	Participate in ROBOEXPO-2020 Organized by NIT Raipur	01-03-2020	Acquired 2nd Position by GECB students
2	SMART INDIA HACKATHON-2020, College level Hackathon organized at GECB	18-01-2020	Total 7 teams are shortlisted for SIH-2020 incollege level Hackathon out of 11 participated teams.
3	MAKE-A-THON-2020	Jan- 2020	One team of six student's withfour different ideas participatedin MAKE-A-THON 2020organized at SSIPMT, Raipur and all four ideas ware selected forfinals.
4	Task Based Training (TBT) conducted by the e-Yantra project of IIT Bombay.	(27- 28) - 12.2019	4 Faculty
5	Participate STTP under TEQIP-III on Entrepreneurship, Innovation & Design at IIT Delhi	(06 – 10)- 12-2019	3 Faculty
6	Organize One day Expert talk (Ref: Miss Namrata Tataya, Head Start Raipur) at GECB	22-11-2019	187 Participants
7	Participate State Level Hackathon - Navonmesh 2019 at SSIPMT, Raipur	(17 – 18)- 10-2019	5 Students (Rewarded 5000.00 rupees)
8	Organizing Startup Orientation Program by Industry Department at GECB	16-10-2019	236 Participants
9	In house Idea Pitching Event at GECB	12-09-2019	9 Participants
10	In house Quiz Event at GECB	09-09-2019	96 Participants
11	FDP on Industry Institute Interface for Entrepreneurship Development at NIT Rourkela	(08-12) -08 - 2019	3 Faculty
12	Participate MHRD- KITE Activity on End-to-End Innovation by Tata Centre of Technology & Design IIT Bombay	(08 – 12) - 07-2019	3 Faculty

17.Induction Program

संस्था में AICTE तथा CSVTUसे प्राप्त निर्देशों के अनुपालन में बी. टेक. प्रथम वर्ष के सभी छात्र/छात्राओं हेतु Induction Program का आयोजन दिनांक 29.07.2019 से 19.08.2019 तक किया गया। जिसके अंतर्गत Inaugural Function, Motivational session, Soft Skills Development, Meet up with Leaders, Plantation, Educational tour, Art of living session, Sports event, Independence day, Musical event, Career options , Alumni meet एवं Proficiency Module Classes etc.का आयोजन किया गया।

AICTE द्वारा Induction Program के अंतर्गत जो गतिविधियॉ करायी जाती है, उनमें से कई गतिविधियॉ आर्ट ऑफ लिविंग के SELP कोर्स में समाहित है। SELP कोर्स (Student Excellence and Learning Program) बी टेक. प्रथम वर्ष के छात्र/छात्राओं हेतु विशेष तौर पर तैयार किया गया है, जिसके अंतर्गत योगा, एकाग्रता, प्राणायाम, मेडिटेशन, सुदर्शन क्रिया एवं स्वच्छता से संबंधित कार्यक्रम आयोजित किये जाते है, ये सभी कार्यक्रम नवप्रवेशित छात्र–छात्राओं को नई दिशा में सोचने के अवसर प्रदान करते है। जो छात्र/छात्राओं के मानसिक शारीरिक एवं भावनात्मक तनाव को नियंत्रित करता है, जिससे प्रथम वर्ष के छात्र/छात्राऍ महाविद्यालय के नये वातावरण में सहज महसूस करते हुए अपना पठन–पाठन सुगमता पूर्वक कर सके।

प्रथम वर्ष के छात्रों का स्थानीय दर्शनीय स्थल का भ्रमण

18.Curricular & Co- Curricular Achievement

Result of Inter College Sports (zone 3) competition 2019-20

Sports/Event	No.	Name of student	Branch	Year	Match Place & Date	Winner/ Runner up
Football (Boys)	1	Anchal Kumar Minz	IT	4th	CEC, Bilaspur 11.02.020	2nd position (Runner Up)
	2	Siddhant Mishra	Electrical	3rd		
	3	Dilesh Nayak	Mining	3rd		
	4	Umesh Sidar	Civil	3rd		
	5	Satish Tirkey	Mining	2nd		
	6	Shailendra Raidas	Civil	1st		
	7	Abhijeet Dhar Diwan	Et & T	1st		
	8	Suyash Tiwari	IT	2nd		
	9	Shantanu Singh Chandel	IT	1st		
	10	Ganesh Sidar	CSE	1st		
	11	Bhopendra Kishor Sahu	Electrical	1st		
	12	Dewrat Thakur	Electrical	2nd		
	13	Vikas Singh	Electrical	1st		
	14	Manish Pradhan	Et & T	1st		
	15	Pradeep Singh	Et & T	1st		
100 M Race	16	Akash Sharma	Mining	4th	CEC, Bilaspur 12.02.020	2nd position (Runner Up)
200 M Race	17	Yashwant Prajapati	Mechanical	4th		2nd position (Runner Up)
400 M Race	18	Mahindra Kumar	Electrical	2nd		1st position
800 M Race	19	Mahindra Kumar	Electrical	2nd		1st position
1600 M Race	20	Mahindra Kumar	Electrical	2nd		1st position
Shotput	21	Umesh Sidar	Civil	3rd		1st position
	22	Akash Sharma	Mining	4th		2nd position
Long Jump	23	Akash Sharma	Mining	4th		1st position
	24	Umesh Sidar	Civil	3rd		2nd position
High Jump	25	Umesh Sidar	Civil	3rd		1st position
Relay Race	26	Akash Sharma	Mining	4th		1st position
	27	Umesh Sidar	Civil	3rd		
	28	Yashwant Prajapati	Mechanical	4th		
	29	Chandrashekhar Singh	Mining	4th		

Sports/Event	No.	Name of student	Branch	Year	Match Place & Date	Winner/ Runner up
Kho-Kho (Boys)	30	Shankar Singh	Et & T	3rd	CEC, Bilaspur 12.02.020	2nd position (Runner Up)
	31	Rupesh Kumar	Electrical	2nd		
	32	Paimendra Kumar	Mechanical	2nd		
	33	TeekaRam	IT	2nd		
	34	Neelmani	Mechanical	2nd		
	35	Mohneesh Kumar	Mechanical	2nd		
	36	Umesh Sidar	Civil	3rd		
	37	Humanshu kumar Thakur	Civil	2nd		
	38	Priyansh Neti	Mechanical	2nd		
	39	Shubham Kushwaha	Mechanical	2nd		
	40	Kaleshwar Pal	Mechanical	2nd		
Badminton (Boys)	41	Vikash Lakra	CSE	4th	CEC, Bilaspur 13.02.020	2nd position (Runner Up)
	42	Ankit Bhagat	Mechanical	3rd		
	43	Brijbhan Singh	Civil	3rd		
	44	Sandeep	Mechanical	3rd		
	45	Somesh Manikpuri	Mechanical	2nd		
Badminton (Girls)	46	Vineeta Ekka	Civil	4th		1st position winner
	47	Sejal Aayde	CSE	4th		
	48	Bhawna Pandey	Mechanical	4th		
Volleyball (BOYS)	49	Shashi Mohan Singh	ET & T	3rd	CEC, Bilaspur 14.02.020	1st position winner
	50	Pratyush Das	IT	3rd		
	51	Manish Verma	Mechanical	3rd		
	52	Ayush Tiwari	CSE	2nd		
	53	Umesh Baghel	Electrical	3rd		
	54	Vikash Singh	Electrical	1st		
	55	Devesh Chandrakar	Electrical	4th		
	56	Aakash Sharma	Mining	4th		
Dues Ball Cricket Team (Boys)	57	AaKash Sharma	Mining	4th	CEC, 15.02. to 18.02.020	2nd position (Runner Up)
	58	Devesh Chandrakar	Electrical	4th		
	59	Shubham Kushwaha	Mining	4th		
	60	Karan Kumar Koshle	Electrical	4th		
	61	Shayam Rathiya	Et & T	4th		
	62	Abhishek Chandra	Mining	3rd		
	63	Rohit Kumar Yadav	Mining	3rd		
	64	Nirbhra Chandra	Et & T	3rd		
	65	Gopal Masiyare	IT	4th		
	66	Kishan Markam	Electrical	3rd		
	67	Mohnish Sahu	Mechanical	2nd		
	68	Aishwary Netam	Mechanical	4th		
	69	Prashant Sone	Mining	4th		
	70	Satyam Somawar	Mining	4th		
	71	Harish Satnami	CSE	3rd		

Sports/Event	No.	Name of student	Branch	Year	Match Place & Date	Winner/ Runner up
Basket Ball (Boys)	72	Vishal Singh	Civil	2nd	LCIT, Bilaspur 20.02.020	1st position winner
	73	Ayush Tiwari	CSE	2nd		
	74	Sanjeet Singh Kasturiya	Civil	2nd		
	75	Deepesh rathore	IT	2nd		
	76	Pravin Madhe	Mechanical	2nd		
	77	Tarun Kumar Painkra	Civil	2nd		
	78	Omprakash	CSE	2nd		
	79	Vivek	Civil	4th		
	80	Gopal Bhagat	CSE	4th		
	81	Shailendra Raidas	Civil	1st		

Result Inter Institute Annual Festival competition 2019-20

Sports/Event	No.	Name of student	Branch	Year	Match Place & Date	Winner/ Runner up
Kabaddi Team (girls)	1	Aanchal Shrivastava	Mechanical	3rd	AIMS RAIPUR 18.10.19 to 20.10.19	Winner 2nd position
	2	Anjali Kashyap	Mechanical	3rd		
	3	Preeti Painkra	Mechanical	3rd		
	4	Khileshwari Nishad	Civil	3rd		
	5	Deepika Maravi	Mechanical	3rd		
	6	Tikeshwari Painkra	IT	3rd		
	7	Jaypriya Rajwade	CSE	3rd		

Result of Inter University Competition 2019-20

Sports/Event	No.	Name of student	Branch	Year	Match Place & Date	Winner/ Runner up
Football Team (Boys)	1	Dilesh Nayak	Mining	3rd	Bhuvneshwar (Odisha)	Participated

अंतरमहाविद्यालय साहित्यिक प्रतियोगिता

दिनांक 25.02.2020 को छत्तीसगढ स्वामी विवेकनंद तकनीकी विश्वविद्यालय जोन –03 के अंतर्गत विभिन्न साहित्यिक प्रतियोगिता संपन्न हुए, जिसमे महाविद्यालय के छात्रो का उत्कृष्ट प्रदर्शन रहा। परिणाम निम्नानुसार है–

स.क्र0	प्रतियोगिता का नाम	विजेता (प्रथम स्थान)	उप विजेता (द्वितीय स्थान)
1	भाषण (हिन्दी)	Shruti Gouraha	-
2	भाषण (अंग्रेजी)	Aditi Singh	Anuranjan Shrivastav
3	वाद – विवाद (हिन्दी)	Ayush Pandey	Abhishek Patel
4	वाद – विवाद (अंग्रेजी)	Preksha Verna	Rashmeet Kaur
5	तात्कालिक भाषण (हिन्दी)	Ayush Pandey	Ashish Kumar
6	तात्कालिक भाषण (अंग्रेजी)	Aditi Singh	Ramandeep Saluja
7	तकनीकी मॉडल प्रदर्शनी	Aman Rathore	Yuktika Jaiswal

राष्ट्रीय सेवा योजना के द्वारा संस्था परिसर में स्वच्छता अभियान

राष्ट्रीय सेवा योजना
नियमित गतिविधि कार्यक्रम का विवरण
(बालक वर्ग)

क्र.	दिनांक	संपन्न आयोजित कार्य का विवरण	भाग लेने वाले छात्र-छात्राओं की संख्या	घंटे	कार्य स्थल
1	21.06.2019	अन्तराष्ट्रीय योग दिवस	55	1 घंटा	एम व्ही हॉल
	29.06.2019	कर्मचारियो के लिए कार्यस्थल पर तनाव मुक्त कार्यशाला	10	2 घंटे	एम व्ही हॉल
	16.07.2019	वृक्षारोपण	10	2 घंटे	महाविद्यालय परिसर
2	02.08.2019	वृक्षारोपण	10	2 घंटे	महाविद्यालय परिसर (सुभाष गार्डन)
3	15.08.2019	वृक्षारोपण	35	2 घंटे	महाविद्यालय परिसर
4	08.09.2019	स्वच्छता कार्यक्रम	56	2 घंटे	महाविद्यालय परिसर (IT Building)
	09.09.2019	स्वच्छता कार्यक्रम	99	2 घंटे	महाविद्यालय परिसर (IT Building)
	10.09.2019	स्वच्छता कार्यक्रम	85	4 घंटे	महाविद्यालय परिसर (Workshop Gallery)
5	24.09.2019	राष्ट्रीय सेवा योजना स्थापना दिवस	89	2 घंटे	एम व्ही हॉल
6	01.10.2019	प्लास्टिक मुक्त शपथ एवं मानव श्रृंखला	95	1 घंटा	महाविद्यालय परिसर एवं एम व्ही हॉल
7	02.10.2019	प्लास्टिक मुक्त भारत विषय पर रैली एवं श्रमदान	22	2 घंटे	कोनी एवं महाविद्यालय परिसर
8	26.11.2019	संविधान दिवस	56	1 घंटा	एम व्ही हॉल
9	30.11.2019	तम्बाकू मुक्त के लिए शपथ	58	1 घंटा	कमरा ए-18
10	25.01.2020	राष्ट्रीय मतदाता दिवस	20	3 घंटे	बैरिस्टर ठाकुर छेदीलाल कृषि महाविद्यालय बिलासपुर (छ.ग.)
11	22.02.2020	उर्जा संरक्षण एवं दक्षता विषय पर Bright Idea प्रतियोगिता	25	2 घंटे	एम व्ही हॉल

नियमित गतिविधि कार्यक्रम का विवरण
(बालिका वर्ग)

क्र.	दिनांक	संपन्न आयोजित कार्य का विवरण	भाग लेने वाले छात्र–छात्राओं की संख्या	घंटे	कार्य स्थल
1	21.06.2019	अन्तराष्टीययोग दिवस	16	1 घंटा	एम व्ही हॉल
2	02.08.2019	वृक्षारोपण	06	2 घंटे	महाविद्यालय परिसर (सुभाष गार्डन)
3	15.08.2019	वृक्षारोपण	28	2 घंटे	महाविद्यालय परिसर
4	08.09.2019	स्वच्छता कार्यक्रम	40	2 घंटे	महाविद्यालय परिसर (IT Building)
5	24.09.2019	राष्टीय सेवा योजना स्थापना दिवस	63	2 घंटे	एम व्ही हॉल
6	01.10.2019	प्लास्टिक मुक्त शपथ एवं मानव श्रृंखला	72	1 घंटा	महाविद्यालय परिसरएवं एम व्ही हॉल
7	02.10.2019	प्लास्टिक मुक्त भारत विषय पर रैली एवं श्रमदान	21	2 घंटे	कोनी एवं महाविद्यालय परिसर
8	26.11.2019	संविधान दिवस	29	1 घंटा	एम व्ही हॉल
9	30.11.2019	तम्बाकु मुक्त के लिए शपथ	44	1 घंटा	कमरा ए–18
10	25.01.2020	राष्टीय मतदाता दिवस	1	3 घंटे	बैरिस्टर ठाकुर छेदीलाल कृषि महाविद्यालय बिलासपुर (छ.ग.)
11	22.02.2020	उर्जा संरक्षण एवं दक्षता विषय पर Bright Idea प्रतियोगिता	25	2 घंटे	एम व्ही हॉल

ग्राम विकास के लिये युवा यात्रा

19. Prize/Awards won by Students, Faculty

Faculty Prize/Awards

S. No	Name	Designation	Department	Prizes/Awards Details
1	Prof. Utsav Malviya	Assistant Professor	ET&T	Best Paper Award in IEEE Scopus Indexed International Conference, Date:26th Feb,2020
2	Prof. Sandip Kumar Sahu	Assistant Professor	Mechanical	Ist position in General Knowledge Quiz held at C.G. Administration Academy, Nimora, Raipur on 26.12.2019

Students Prize/Awards

S. No	Name	Semester	Department	Prizes/Awards Details
1	Shriyansh Khatik	2nd	Mining	3rd Prize in Industrial Design Problemat (IIT-KGP), GREAT STEP 2019
				Runner up, Mine o Bot (IIT-KGP), GREAT STEP 2019
				2nd prize in Roboexpo (NIT Raipur), ROBOFEST 2020
2	Abhinav Kujur	2nd	Mining	3rd Prize in Industrial Design Problemat (IIT-KGP), GREAT STEP 2019
				Runner up, Mine o Bot (IIT-KGP), GREAT STEP 2019
				2nd prize in Roboexpo (NIT Raipur), ROBOFEST 2020
3	Ananya Singh	2nd	Mining	Runner up, Mine o Bot (IIT-KGP), GREAT STEP 2019
				2nd prize in Roboexpo (NIT Raipur), ROBOFEST 2020
4	Sachin Pradhan	4th	ET&T	4th Prize in state level hackathon held at SSIPMT Raipur Won Rs 5000, Date:17th October, 2020
5	Sachin Pradhan	4th	ET&T	Zonal Winner, Techkriti, All India Research Championship, 27-28 January, 2020
6	Nitish Kumar Singh	4th	Mining	Best Campus Ambassador (IIT-KGP), GREAT STEP 2019
7	Parth Verma	6th	Mining	Campus Ambassador, 1st position in Mino Hunt, 2nd position in Bid 2 win, ANWESHAN 2019
8	Nikhil Kumar Singh	6th	Mining	1st position in mino hunt, 2nd position in Bid 2 win, ANWESHAN 2019
				Quiz Winner (IIT-KGP), GREAT STEP 2019
				Best Campus Ambassador (IIT-KGP), GREAT STEP 2019
9	Prateek Bhagat	6th	Mining	1st position in Mino Hunt, ANWESHAN 2019
10	Prem Shankar Yadav	6th	Mining	1st position in Mino Hunt, ANWESHAN 2019
11	Abhishek Chandra	6th	Mining	1st Rank in IoT internship, IIT Kanpur
12	Divyank Singh Rajpoot	6th	CSE	Participated and certified in Quiz competition on "Basics of Higher Mathematics", organized by Dept of Mathematics, Dr J P Mishra Govt PG Science College Mungeli Chhattisgarh on 24.06.2020
13	Divyank Singh Rajpoot	6th	CSE	2nd rank in Paper presentation, organized byGEC Bilaspur and CREDA
14	SuyashChandrakar	4th	CSE	Nutanix Hybrid Cloud Scholarship 2020, organized by Udacity Scholarships Team on 23.06.2020

20. Financial Information

Procurement Status TEQIP-III (From July 2019 to June 2020)

S.No.	Category	Package Name	Package Code	Sub Category	Procurment Method	Department	Estimated Cost(INR)	Actual Cost(INR)
1	Goods	CSE Project Lab	TEQIP-III/CG/gecb/30	Books & Learning Resources	Shopping	Civil	280000	228448
2	Goods	Electrical Machine Lab (AC/DC)	TEQIP-III/CG/gecb/39	Equipment	Shopping	Institutional	486000	274704
3	Goods	Control System Lab	TEQIP-III/CG/gecb/50	Equipment	Shopping	EE	450000	487092.2
4	Goods	Machine Lab	TEQIP-III/CG/gecb/52	Equipment	Shopping	EE	500000	196588
5	Goods	switch gear and protection lab	TEQIP-III/CG/gecb/54	Equipment	Shopping	EE	1045000	1262600
6	Goods	drives lab	TEQIP-III/CG/gecb/55	Equipment	Shopping	EE	745000	451704
7	Goods	electrical workshop	TEQIP-III/CG/gecb/59	Equipment	Shopping	EE	110000	44840
8	Goods	Proteus Software	TEQIP-III/2019/CG/gecb/82	Books & Learning Resources	Direct Contracting	ETC	3000000	3056200
9	Goods	MATLAB Software	TEQIP-III/2019/CG/gecb/83	Books & Learning Resources	Direct Contracting	ETC	3000000	2924040
10	Goods	Visual Prolog Software	TEQIP-III/2019/CG/gecb/84	Books & Learning Resources	Direct Contracting	CSE/IT	650000	745760
11	Goods	IEEE E-journals	TEQIP-III/2019/CG/gecb/85	Books & Learning Resources	Direct Contracting	Institutional	513945	526635
12	Goods	Geoinformatics Lab	TEQIP-III/2019/CG/gecb/86	Books & Learning Resources	Direct Contracting	Civil	2995000	3534100
13	Goods	ETAP Software	TEQIP-III/2019/CG/gecb/88	Books & Learning Resources	Direct Contracting	EE	1298000	1298000.1
14	Goods	server	TEQIP-III/2019/CG/gecb/89	Equipment	Shopping	CSE/IT	500000	483800
15	Goods	SQL Server	TEQIP-III/CG/gecb/17	Books & Learning	Shopping	CSE/IT	650000	584678
16	Goods	Bio Matric Attendence system	TEQIP-III/2019/CG/gecb/81	Equipment	Shopping	Institutional	660000	383169
17	Goods	LabView	TEQIP-III/2019/CG/gecb/87	Books & Learning	Direct Contracting	ET&T	1711000	1670233
						Total		**18152591.3**

Bio Metric Attendance System

In PFMS from report M32, utilization against allocation

Sl.	Quarter	Allocation (INR)	Expenditure (INR)	Percentage
1	Qtr-2 (2019-20)	29598000	16606139	56.11
2	Qtr-3 (2019-20)	18441789	10982240	59.55
3	Qtr-4 (2019-20)	14332000	7217896	50.36
4	Qtr-1 (2020-21)	13789440	2900640	21.04
	Total	**76161229**	**37706915**	**49.51**

Internal Revenue Generated (2019-20)

S. No.	Revenue student fee (INR)	Revenue from consultancy testing (INR)	Total (INR)	Percentage of testing revenue to total revenue
1	1,49,16,500	8,39,730	1,57,56,230	5.32%

21. Alumni Contribution

ALUMNI REGISTRATION DETAILS								
	MECHANICAL	CIVIL	ELECTRICAL	MINING	ET&T	CS	IT	TOTAL
ALUMNI REGISTERED	426	267	392	130	182	202	155	1754
GOVERNMENT	123	76	86	33	42	17	8	385
PRIVATE	102	24	62	37	44	39	23	331
ENTERPRENEUR	20	12	12	5	3	6	1	59

Placement

3 students of 2020 Passoutbatch are placed in Nsight Inc Hyderabad with the help of our 92 Mechanical batch alumni Mr Salil Sinha.

1 – Priyanka Kulkarni- CSE

2 – Aditi Tiwari- IT

3 – SejalAyade- CSE

Internship/ Summer Training

Various distinguished alumni working in prestigious organisations helped students securing seats in their organizations

1. 21 students in BSP(SAIL)
2. 23 students in NCL(Mining)
3. 20 Students in PWD
4. 4 Students in Jindal Steel, Raigarh
5. 11 Students in WRD (Civil)
6. 1 Student in SECL
7. 31 Students in CSPDCL
8. 37 Students in Power Grid
9. 32 Students in SECR, Bilaspur
10. 30 Students in BSNL Bilaspur

Expert Talk delivered by distinguished alumni

Total of 07 expert talks were conducted by our distinguished alumni in the institute. Details are given below

Sl no	Department	Title of talk	Expert name and designation	Date
1	E&TC	How to crack CGPSC exams	Mr Akhilesh Sahu, deputy Collector Belha	14.09.2019
2	CSE/IT	Future of IT industries	Mr Abhishek Jain, manager JSPL Raigarh and co founder of Xitiz IT solutions	16.02.20203
3	CSE/IT	About Data Science and Data Mining	Mr Lalit Ambule, Software EngineerTechment Technology Bhilai	20.02.2020
4	Civil	Advances in steel structure design	AGM,NBCC Limited	19.02.2020
5	Mining	Preparatory arrangement required to open an open an open cast mine	Mr Sharad Kumar Tiwari, Dy G M Saraipali open cast Project Korba	16.10.2019
6	Electrical	Career Guidance Opportunities in Abroad	MrProbirGhoshal , Scientist USA	26.12.2019
7	Electrical	Guidance about future prospects as Engineering Graduates	Mr Anish Gauraha, sr Engineer NHPC and Mr Manish Shrivastava working J P Morgan Australia	07.02.2020

S.N.	Date	Topic	Organized by	Guest Speaker	Designation	Batch	Target Audience	Participation	Outcome

Details of Webinar by Alumni held during April-June, 2020

S.N.	Date	Topic	Organized by	Guest Speaker	Designation	Batch	Target Audience	Participation	Outcome
1	05.04.2020	Power System Stability in context of today's 9 PM lights off for 9 minutes	Electrical engineering Department	Shri R K Awasthi	former Executive Director CSEB	1979, Electrical	1st to 4th Year of Electrical Branch students	70 students attended the Webinar, along with all staff members.	Students learned issues related to stability of large scale grid connected system and contingency measures to restore grid in the event of huge sudden demand variation.
2	16.05.2020	Emerging scenario in Power sector	ET&T, Electrical and Mechanical department	Mr. Kamal Kishore Mundhada	Retd. GM of NTPC	1980 batch, Mechanical	3rd year and final year students of ET&T, Electrical and Mechanical department	200 attendees (students along with faculties)	Students learned about the three major pillars of power sector these are Generation, Transmission, and Distribution
3	23.05.2020	Kinematics and Dynamics of a Robot	Mechanical and ET&T department.	Dr. Vijay Kr. Dalla	Assistant Professor in the Mechanical Department at NIT Jamshedpur	2006 batch, Mechanical	3rd year and final year students of ET&T, and Mechanical department	120 attendees(students along with faculties and Alumni)	Students learned how robots can provide contact-free alternatives and from decontaminating hospitals & public spaces to delivery services, robots are acting as game-changer in pandemics.
4	30.05.2020	Aerospace industries in India and its future prospects & Amphibious aircraft technology and operations in Indian context in particular and World in general	ET&T, Electrical and Mechanical department	Mr. Abhijit Sinha	Director and CEO of Shinmaywa Industries India Pvt. Ltd.	1989 batch Mechanical	3rd year and final year students of ET&T, Electrical and Mechanical department	170 attendees (students along with faculties)	Students learned about the importance of Aerospace sector in creation of job by giving boost to "Make in India" and about Amphibious aircraft technology and its operation.
5	31.05.2020	COVID 19 crisis: A Test of Your Personality	All Departments	Gp. Captain(Retd.) Y. Srinivas	Team leader of Smart City Project, Bilaspur, PWC.	1988 batch,Electrical	3rd year and final year students of all branches	269 attendees (students along with Faculties)	Students learned about the human personality and its root and about COVID crisis and how it is testing personality

S.N.	Date	Topic	Organized by	Guest Speaker	Designation	Batch	Target Audience	Participation	Outcome
6	05.06.2020	Overcoming challenges to the biodiversity through Sustainable Development in Mining industry	Civil, & Mining Department	Dr. Anurag Tiwari	Environment Expert in South Eastern Coalfields Limited	1992 Batch, Mining	3rd year and final year students of Civil & Mining branch	155 attendees (students along with Faculties)	Students learned about the practice of 3R' Reuse, Reduce, Recycle that prepares us for world filled with change and uncertainty
7	06.06.2020	In conversation with Ashish Gore…A Journey of a Writer	Literary Club of GEC Bilaspur	Mr. Ashish Gore	Vice-President BOSCH Limited	1990 batch, Mechanical	Students of all streams	238 attendees (students along with Faculties)	Students learned for self discovery during this lockdown.
8	13.06.2020	Robotics & AI in supply chain Management	CSE & IT Department	Mr. Salil Sinha	Senior Vice President Cohen Enterprise(C &S), Nashua, NH, USA	1992 batch, Mechanical	Students of all streams	224 attendees (students along with Faculties)	Students learned about basics of supply chain, Warehousing, Bot Design, Data Analytics & AI, Robot Evolution.
9	20.06.2020	Oil & Gas Scenario and Future Prospects	All Departments	Mr. Ved Prakash Mahawar	Former Director (Onshore) ONGC & OMPL	1980 batch, Mechanical	Students of all streams	173 attendees (students along with Faculties)	Students Learned about Energy statistics, oil and gas reserve scenario, Fduture prospects (SWOT Analysis, Process of Extraction of oil & Gas
10	27.06.2020	Soft Skills-Key to Success	All Departments	Mr. Anil Gopal Rane	Rtd. G. M. Global Supply Chain, Head VVF Ltd.	1980 batch, Mechanical	Students of all streams	199 attendees (students along with Faculties)	Students learnt about various soft skills like communication skill, interpersonal skill, presentation skill etc.

Webinar by Mr. Ved Prakash Mahavar, Former Director (Onshore) ONGC & OMPL , 1980 batch aluminous, Mechanical Engineering, on 20.06.20

NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4ᵗʰ Floor, Bhisham Pitamah Marg,
Pragati Vihar, New Delhi-110 003
Tel: +91 11 2436 0620-22, 2436 0654 ; Telefax: +91 11 4308 4903
Website: www.nbaind.org

File No: 16-9/2015-NBA

Dated-20-03-2019

To
The Principal
Government Engineering College
Bilaspur-495 009, Chhattisgarh

Subject: Accreditation status of programmes applied by Government Engineering College Bilaspur-495 009, Chhattisgarh

Sir,

This has reference to your application I.D. No. 2787-20/02/2018 seeking accreditation by National Board of Accreditation in Tier-II format to UG Engineering programs offered by **Government Engineering College Bilaspur-495 009, Chhattisgarh.**

2. An Expert Team conducted on-site evaluation of the programs from 22ⁿᵈ to 24ᵗʰ February, 2019. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No	Name of the Program (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	**Civil Engineering**	Tier-II June, 2015 Document	Accredited	Academic Years 2019-2020 to 2020-2021 i.e. upto 30-06-2021	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier
2.	**Mechanical Engineering**		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to **Government Engineering College Bilaspur-495 009, Chhattisgarh** as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

5.   The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

6.   The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

7.   A copy each of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programs are enclosed.

8.   If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,

(Dr. Anil Kumar Nassa)
Member Secretary

Encls: 1.Copy of Report of Chairman of the Visiting Team.
        2. Copy each of Expert Reports of the Visiting Team.

Copy to:

1. The Registrar
    Swami Vivekanand Technical University
    Newai, P.O.-Newai, Distric-Durg,
    Chhattisgarh-491107.

2. Director Technical Education
    HOD Building, Block-3,
    3rd & 4th Floor, Indravati Bhawan,
    Naya Raipur (Chhattisgarh).

3. Accreditation File

4.   Master Accreditation file of the State.

NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4" Floor, Bhisham Pitamah Marg,
Pragati Vihar, New Delhi-110 003
Tel: +91 11 2436 0620-22, 2436 0654 ; Telefax: +91 11 4308 4903
Website: www.nbaind.org

NATIONAL BOARD of ACCREDITATION

File No: 16-9-2015-NBA

Date: 04-02-2020

To
The Principal
Government Engineering College Bilaspur
Bilaspur-495 009,
Chhattisgarh

Subject: Accreditation status of programmes applied by Government Engineering College Bilaspur-495009, Chhattisgarh.

Sir,

This has reference to your application I.D. No. **3345-19-12-2018** seeking accreditation by National Board of Accreditation in Tier-II format to UG Engineering programs offered **Government Engineering College Bilaspur-495009, Chhattisgarh.**

2.   An Expert Team conducted on-site evaluation of the programs from **13th to 15th September, 2019**. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No	Name of the Program (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Electrical Engineering	Tier-II Document	Accredited (605 marks awarded by the Visiting Team reduced to 601 as per the observation made and indicated in the Annexure to this letter)	Academic Years 2019-2020 to 2020-2021 i.e. Up to 30-06-2021	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier
2.	Mining Engineering		Accredited (672 marks awarded by the Visiting Team reduced to 662 as per the observation made and indicated in the Annexure to this letter)		

3.   It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4.   The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to **Government Engineering College Bilaspur-495009, Chhattisgarh as a whole. As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

5.   The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited program as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

6.   The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

Contd/...

7.   A copy each of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programs are enclosed.

8.   If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,

(Dr. Anil Kumar Nassa)
Member Secretary

Encls: 1. Copy of Report of Chairman of the Visiting Team.
        2. Copy each of Expert Reports of the Visiting Team.

Copy to:

1. The Registrar
    Chhattisgarh Swami Vivekanand Technical University
    Newai, P.O.-Newai, Distric-Durg,
    Chhattisgarh-491107.

2. Director Technical Education
    HOD Building, Block-3,
    3rd & 4th Floor, Indravati Bhawan,
    Naya Raipur (Chhattisgarh).

3. Accreditation File

4. Master Accreditation file of the State

Welcome of NBA Experts of Electrical Engineering by Dr. B S Chawla (Principal),
Shri Diwakar Mishra (SPA)& Faculty on 13.09.2019.

Additional Chief Secretary (Tech. Edu.) Smt. Renu G. Pillay interacting withChairman of
NBAvisiting team.

Chairman of NBA Visiting Team inspecting Basic Electrical Engg.Lab.
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Experts of NBA of Mining Engineering interacting with students