



शासकीय इंजीनियरिंग महाविद्यालय बिलासपुर (छ0ग0)
Government Engineering College Bilaspur (C.G.)

वार्षिक प्रतिवेदन 2017—18

Annual Report 2017-18

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सत्र 2017-18 में शासकीय इंजीनियरिंग महाविद्यालय बिलासपुर में टेक्यूप-3 के अंतर्गत शैक्षणिक व अन्य पाठ्येतर गतिविधियों का विवरण निम्नानुसार है :-

प्रवेश संक्षेपिका (Admission summary)

यह महाविद्यालय सन् 1964 में तीन संकाय सिविल, मेकेनिकल एवं इलेक्ट्रिकल के साथ प्रारंभ हुआ। बिलासपुर शहर में SECL मुख्यालय खुलने के बाद छात्रों की मांग के आधार पर सन् 1986 में 20 छात्रों की प्रवेश क्षमता के साथ माईनिंग संकाय प्रारंभ हुई इसके पश्चात् सन् 2000 में कम्प्यूटर, आई.टी., एवं इलेक्ट्रॉनिक्स एण्ड टेलीकम्यूनिकेशन संकाय, प्रत्येक की प्रवेश क्षमता 40 के साथ प्रारंभ हुई। अतः वर्तमान में सात संकायों के साथ प्रवेश क्षमता 260 के साथ संचालित है। प्रवेश क्षमता से 5% अतिरिक्त छात्रों को शिक्षण शुल्क छूट योजना (Tuition fee Waiver Scheme) के तहत प्रवेश दिया जाता है।

संस्था में छात्रों को राज्य स्तरीय पी.ई.टी.परीक्षा प्राप्तांकों के आधार पर प्रवेश दिया जाता है। प्रवेश हेतु काउन्सलिंग संचालनालय तकनीकी शिक्षा द्वारा किया जाता है। विगत सत्र 2017-18 में प्रथम वर्ष में कुल 259 छात्रों ने प्रवेश लिया जो प्रवेश क्षमता का 94.8% है। विगत सत्र में संस्था में 1158 छात्र अध्ययनरत थे। इन छात्रों में 37.1% छात्राएं, 29.1% अनुसूचित जनजाति, 12.6% अनुसूचित जाति एवं 29% अन्य पिछड़ा वर्ग के छात्र हैं।

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

प्रेरण कार्यक्रम (Induction Program)

महाविद्यालय में अखिल भारतीय तकनीकी शिक्षा (ए.आई.सी.टी.ई.) के अनुपालन में बी.ई.प्रथम वर्ष के छात्र/छात्राओं हेतु दिनांक 15.01.2018 से 21.01.2018 तक प्रेरण कार्यक्रम (Induction Program) का आयोजन किया गया। इस कार्यक्रम की समन्वयक डॉ. (श्रीमती) जे.के. चावला के अनुसार प्रेरण कार्यक्रम में होने वाली सभी गतिविधियों का उद्देश्य नवप्रवेशित सभी छात्र/छात्राओं को महाविद्यालय के नये वातावरण में व्यवस्थित होने तथा सहज महसूस करने में मदद करना है। प्रेरण कार्यक्रम में बी.ई.प्रथम वर्ष के सभी छात्र छात्राओं हेतु योग / शैक्षणिक / प्रेरक / संप्रेषण योग्यता संबंधी व्याख्यान आयोजित किये गये।



इसके साथ ही रचनात्मक कला और सांस्कृतिक / जीवनमूल्य व्याख्यान/प्रशिक्षण और नियोजन/खेल/साहित्यिक गतिविधि/ चिकित्सकी व्याख्यान और स्थानीय भ्रमण संबंधी आयोजन किया गया। बी.ई.प्रथम वर्ष के कुल 259 छात्रों में से 86% छात्र छात्राएं इस प्रेरण कार्यक्रम से लाभान्वित हुए।



Student Learning/Internship Activity

In house Training (2017-18)

S. No.	Sem.	Branch	Duration	Topic	Agency	No. of Students	Brief Description
1	5 th	Civil	11 Sept to 15 Sept 2017	Total Station	CRISP Bhopal	24	<ol style="list-style-type: none"> 1. It was a Inhouse subject domain training. 2. Hands-on Training on advance survey equipment was given 3. All students of 3rd year Civil were benefited 4. Training were given by trained faculties from CRISP Bhopal 5. Duration of training was 5 days 11 Sept to 15 Sept 2017 from 10.30 am to 5.00 pm every day. 6. Training Module was proposed by branch Head of Department.
2	7 th	Civil	28 Nov to 02 Dec 2017	Total Station	CRISP Bhopal	24	<ol style="list-style-type: none"> 1. It was a Inhouse subject domain training. 2. Hands-on Training on advance survey equipment was given 3. All students of 4th year Civil were benefited 4. Training were given by trained faculties from CRISP Bhopal 5. Duration of training was 5 days from 28 Nov to 02 Dec 2017 from 10.30 am to 5.00 pm 6. Training Module was proposed by branch Head of Department.
3	7 th	Electrical	28/11/2017 to 02/12/2017	PLC & SCADA	CRISP Bhopal	53 to 5	<ol style="list-style-type: none"> 1. It was a Inhouse subject domain training. 2. Hands-on Training on related to PLC & SCADA 3. 53 students of 4th year Electrical were benefited 4. Training were given by trained faculties from CRISP Bhopal 5. Duration of training was 5 days from 28 Nov 02 Dec 2017 from am 10.30 am to 5.00 pm 6. Training Module was proposed by branch Head of Department
4	5 th	Electrical	19/12/2017 to 23/12/2017	PLC & SCADA	CRISP Bhopal	72	<ol style="list-style-type: none"> 1. It was a Inhouse subject domain training. 2. Hands-on Training on related to PLC & SCADA 3. 72 students of 3rd year Electrical were benefited 4. Training were given by trained faculties from CRISP Bhopal 5. Duration of training was 5 days from 19 Dec to 23 Dec 2017 from 10.30 am to 5.00 pm 6. Training Module was proposed by branch Head of Department



S. No.	Sem.	Branch	Duration	Topic	Agency	No. of Students	Brief Description
5	5 th	Mechanical	19 Dec to 23 Dec 2017	CNC M/C Operation	CIPET Raipur	49	1. It was a Inhouse subject domain training. 2. Hands-on Training on CNC Machine was given 3. All students of 3rd year Mechanical were benefited 4. Training were given by trained faculties from CIPAT Raipur 5. Duration of training was 5 days from 19 Dec to 23 Dec 2017 from 10.30 am to 5.00 pm 6. Training Module was proposed by branch Head of Department
6	7 th	Mechanical	28 Nov to 2 Dec 2017	CNC M/C Operation	CIPET Raipur	36/50	1. It was a Inhouse subject domain training. 2. Hands-on Training on CNC Machine was given 3. 36 students of 4th year Mechanical were benefited 4. Training were given by trained faculties from CIPAT Raipur 5. Duration of training was 5 days from 28 Nov to 2 Dec 2017 from 10.30 am to 5.00 pm 6. Training Module was proposed by branch Head of Department
7	5 th	Mechanical	11 Sept to 15 Sept 2017	CATIA	CRISP Bhopal	41/50	1. It was a Inhouse subject domain training. 2. Hands-on Training on M/C software was given 3. 41 students of 3rd year Mechanical were benefited 4. Training were given by trained faculties from CRISP Bhopal 5. Duration of training was 5 days from 11 Sep to 15 Sep 2017 from 10.30 am to 5.00 pm 6. Training Module was proposed by branch Head of Department
8	5 th	Mining	11/09/2017 to 15/09/2017	Total Station	CRISP Bhopal	2	1. It was a Inhouse subject domain training. 2. Hands-on Training on advance survey equipment was given 3. 21 students of 3 rd year Mining were benefited 4. Training were given by trained faculties from CRISP Bhopal 5. Duration of training was 5 days 11 Sept to 15 Sept 2017 from 10.30 am to 5.00 pm every day. 6. Training Module was proposed by branch Head of Department.
9	7 th	Mining	28/11/2017 to 02/12/2017	Total Station	CRISP Bhopal	15	1. It was a Inhouse subject domain training. 2. Hands-on Training on advance survey equipment was given 3. 15 students of 4 th year Mining were benefited 4. Training were given by trained faculties from CRISP Bhopal 5. Duration of training was 5 days 28 Nov to 02 Dec 2017 from 10.30 am to 5.00 pm every day. 6. Training Module was proposed by branch Head of Department

S. No.	Sem.	Branch	Duration	Topic	Agency	No. of Students	Brief Description
10	7 th	ET&T	28 Nov to 2 Dec 2017	PLC& SCADA	CRISP Bhopal	26	<ol style="list-style-type: none"> 1. It was a Inhouse subject domain training. 2. Hands-on Training on PLC & SCADA 3. 26 students of 4th year ET&T were benefited 4. Training were given by trained faculties from CRISP Bhopal 5. Duration of training was 5 days from 28 Nov to 02 Dec 2017 from 10.30 am to 5.00 pm every day. 6. Training Module was proposed by branch Head of Department.
11	5 th	ET&T	11 Sept to 15 Sept 2017	MAT LAB	CRISP Bhopal	42	<ol style="list-style-type: none"> 1. It was a Inhouse subject domain training. 2. Hands-on Training on MAT LAB 3. 42 students of 4th year ET&T were benefited 4. Training were given by trained faculties from CRISP Bhopal 5. Duration of training was 5 days 11 Sept to 15 Sept 2017 from 10.30 am to 5.00 pm every day. 6. Training Module was proposed by branch Head of Department.
12	7 th	Computer Science	28/11/2017 to 02/12/2017	Java	CRISP Bhopal	40	<ol style="list-style-type: none"> 1. It was a Inhouse subject domain training. 2. Hands-on Training on Java 3. 40 students of 4th year CSE were benefited 4. Training were given by trained faculties from CRISP Bhopal 5. Duration of training was 5 days 28 Sept to 02 Dec 2017 from 10.30 am to 5.00 pm every day. 6. Training Module was proposed by branch Head of Department.
13	5 th	Computer Science	19/12/2017 to 23/12/2017	Cloud Computing	CRISP Bhopal	31	<ol style="list-style-type: none"> 1. It was a Inhouse subject domain training. 2. Hands-on Training on Cloud Computing 3. 31 students of 3rd year ET&T were benefited 4. Training were given by trained faculties from CRISP Bhopal 5. Duration of training was 5 days 19 Dec to 23 Dec 2017 from 10.30 am to 5.00 pm every day. 6. Training Module was proposed by branch Head of Department.

S. No.	Sem.	Branch	Duration	Topic	Agency	No. of Students	Brief Description
14	5 th	Information technology	19 Dec to 23 Dec 2017	Network Programming	CRISP Bhopal	37	<ol style="list-style-type: none"> 1. It was a Inhouse subject domain training. 2. Hands-on Training on Network Programming 3. 37 students of 3rd year IT were benefited 4. Training were given by trained faculties from CRISP Bhopal 5. Duration of training was 5 days 19 Dec to 23 Dec 2017 from 10.30 am to 5.00 pm every day. 6. Training Module was proposed by branch Head of Department.
15	7 th	Information technology	28 Nov to 02 Dec 2017	Java	CRISP Bhopal	23	<ol style="list-style-type: none"> 1. It was a Inhouse subject domain training. 2. Hands-on Training on Java 3. 23 students of 4th year IT were benefited 4. Training were given by trained faculties from CRISP Bhopal 5. Duration of training was 5 days 28 Nov to 02 Dec 2017 from 10.30 am to 5.00 pm every day. 6. Training Module was proposed by branch Head of Department.
16	8 th	All (ME,CE, CS,IT,ET, MI,EE)	11 th July to 2 nd August 2017	Communication Skills	Talent Spirit Hyderabad (MYSY Under)	20	<ol style="list-style-type: none"> 1. It was a Inhouse training on Soft Skill. 2. 20 students of 4th yr of all branches were benefited 3. Training were given by trained faculties from Talent Spirit Hyderabad 4. Duration of training was 11th July to 2nd Aug 2017 from 2:30 pm to 5.00 pm every day. 5. Training was proposed by Mukhayamantri Yuva Yojana .
17	6 th	All (ME,CE, CS,IT,ET, MI,EE)	3 rd August to 27 Septmber 2017	Communication Skills Analytical Question Solving & Logical Reasoning	Talent Spirit Hyderabad (MYSY Under)	66	<ol style="list-style-type: none"> 1. It was a Inhouse training on Soft Skill. 2. 66 students of 3rd yr of all branches were benefited 3. Training were given by trained faculties from Talent Spirit Hyderabad 4. Duration of training was 11th July to 2nd Aug 2017 from 2:30 pm to 5.00 pm every day. 5. Training was proposed by Mukhayamantri Yuva Yojana .
TOTAL NUMBER OF STUDENT BENEFITED		-	-	-	-	About 90% of IInd, IIIrd & IVth Year	

Technical/ Industrial Talk (2017-18)

S. No.	Sem.	Branch	Date	Topic	Resource Person	No. of Students	Brief Description
1	6th and 8th Sem	ME, EE & Minning	15/04/17	About ONGC	Mrs. Usha Pakala (Chief Engineer , Production, ONGC Rajmundry)	105	1 Expert lecture was delivered by Mrs Usha Pakala, CE , Production ONGC on 15/04/2017 2. Around 105 students of 3rd and 4 th yr of branch Mech, Elect, and Min were benefited. 3.Students got opportunity to learn about the industry 4 Students able to learn beyond the syllabus 5.Students got opportunity to interact with industry person.
2	6th Semester	ME,EE,ET &T, CE & CSE	29/01/18	Outreach program on BARC School	Shri R.K Soni (Scientific Officer, RRCAT Indore)	120	1 Expert lecture was delivered by Shri R.K Soni (Scientific Officer, RRCAT Indore on 29/01/2018 2. Around 120 students of 3rd yr of branch Mech, Elect, ET, Civil and Computer were benefited. 3.students got opportunity to learn about the industry and Outreach program on BARC School 4 students able to learn beyond the syllabus 5 Students got opportunity to interact with industry person.
3	3 rd , 5 th , 7 th	Civil	05/11/17	Water management in urban cities	Mr. Manish Kumar Sinha	73	1 Expert lecture was delivered by Mr. Manish Kumar Sinha on 05/11/2017 2. Around 73 students of 2 nd 3rd and 4 th yr of branch Civil were benefited. 3.Students got opportunity to learn about the industry 4 Students able to learn beyond the syllabus about Water management in urban cities 5 Students got opportunity to interact with industry person.
4	5 th & 7 th	Electrical	12/09/17	Electromagneti c, super conductivity and super conducting magnets	Dr. Prabir Ghoshal Scientist U S federal Government	120	1. Expert lecture was delivered by Mr. Manish Kumar Sinha on 12/09/2017 2. Around 120 students of 3rd and 4 th yr of branch Electrical were benefited. 3. sudents got opportunity to learn about the industry 4 students able to learn beyond the syllabus about Water management in urban cities 5 Students got opportunity to interact with industry pers

S. No.	Sem.	Branch	Date	Topic	Resource Person	No. of Students	Brief Description
5	3 rd , 5 th & 7 th	Mining	14/10/2017	Environment Management Plan	Shri Anurag Tiwari, Manager CENVL SECL Bilaspur	62	<ol style="list-style-type: none"> 1. Expert lecture was delivered by Shri Anurag Tiwari, Manager CENVL SECL Bilaspur on 14/10/2017 2. Around 62 students of 2nd 3rd and 4th yr of branch Mining were benefited. 3. students got opportunity to learn about the industry 4 students able to learn beyond the syllabus about Environment Management in urban cities 5 Students got opportunity to interact with industry person.
6	4 ^h ,& 6 th	Information technology	02/02/18	Understanding Basic IT infrastructure	Mr. Amit Khare	36	<ol style="list-style-type: none"> 1. Expert lecture was delivered by Mr. Amit Khare (from IT industry) on 02/02/2018 2. Around 36 students of 2nd and 3rd yr branch IT were benefited. 3. Students got opportunity to learn about the industry 4 Students able to learn beyond the syllabus about Basic IT infrastructure 5 Students got opportunity to interact with industry person.
7	4 ^h , 6 th and 8 th Sem	Computer Science	09/02/18	Design Pattern	Mr Dilesh Verma	106	<ol style="list-style-type: none"> 1. Expert lecture was delivered by Mr Dilesh Verma (from IT industry) on 09/02/18 2. Around 106 students of 2nd, 3rd and 4th yr branch Computer Science were benefited. 3. Students got opportunity to learn about the industry 4 Students able to learn beyond the syllabus about IT infrastructure 5 Students got opportunity to interact with industry person.



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Technical Visit (2017-18)

S. No.	Sem.	Branch	Date	Industry	No. of Students	Brief Description
1	5 th & 7 th	Civil	28/10/17	Hasdev Bango Dam, Katghora, Korba	48	<ol style="list-style-type: none"> 1 About 48 students of 3rd and 4th yr Civil visited Hasdeo Bango Dam at Katghora Korba on 28/10/17. 2. Prior permission of the visit from the concerning office was taken in advance 3 Two faculties were also accompanied with the students, Person from that site was also available to explain things. 4. Brief introduction of visit place was given by department Nodal officer. 5. It was a dam site with hydroelectric power plant. 6. Technical report of visit was submitted by each students and grading on visit was given by Nodal Office. 7. Industrial visits enables the students to apply their class room learning to a real life situation . 8. Industrial visit provides an insight on how companies work and also useful information related to the practical aspects of the course which can not be visualized in lectures. 9. This was one day visit
2	4 th Sem	Electrical	31/01/2018	Power Grid Corporation Korba	53	<ol style="list-style-type: none"> 1. About 53 students of 2nd Electrical visited Power Grid Corporation Korba on 31/01/18. 2. Prior permission of the visit from the concerning office was taken in advance 3 Two faculties were also accompanied with the students, Person from that site was also available to explain things. 4. Brief introduction of visit place was given by department Nodal officer. 5 It was a Power Grid visit 6 Technical report of visit was submitted by each students and grading on visit was given by Nodal Office. 7. Industrial visits enables the students to apply their class room learning to a real life situation . 8 Industrial visit provides an insight on how companies work and also useful information related to the practical aspects of the course which can not be visualized in lectures 9. This was one day visit.

S. No.	Sem.	Branch	Date	Industry	No. of Students	Brief Description
3	6 th Sem	Electrical	24/02/2018	HTPS Korba West	69	<ol style="list-style-type: none"> About 69 students of 2nd HTPS Korba on 24/02/18. Prior permission of the visit from the concerning office was taken in advance Two faculties were also accompanied with the students, Person from that site was also available to explain things. Brief introduction of visit place was given by department Nodal officer. It was a visit of a HTPS Technical report of visit was submitted by each students and grading on visit was given by Nodal Office. Industrial visits enables the students to apply their class room learning to a real life situation . Industrial visit provides an insight on how companies work and also useful information related to the practical aspects of the course which can not be visualized in lectures This was one day visit.
4	8 th Sem	Electrical	17/02/2018	NTPC Korba	58	<ol style="list-style-type: none"> About 58 students of 4th yr Electrical visited NTPC Korba on 17/02/18. Prior permission of the visit from the concerning office was taken in advance Two faculties were also accompanied with the students, Person from that site was also available to explain the things. Brief introduction of visit place was given by department Nodal officer. National thermal Power Plant was visited. Technical report of visit was submitted by each students and grading on visit was given by Nodal Office. Industrial visits enables the students to apply their class room learning to a real life situation . Industrial visit provides an insight on how companies work and also useful information related to the practical aspects of the course which can not be visualized in lectures. It was one day visit

S. No.	Sem.	Branch	Date	Industry	No. of Students	Brief Description
5	5 th	Mechanical	27/12/2017	CIPET Raipur	38/49	<ol style="list-style-type: none"> About 38 students of 3rd Mechanical visited CIPET Raipur on 27/12/17. Prior permission of the visit from the concerning office was taken in advance Two faculties were also accompanied with the students, Person from that site was also available to explain the things. Brief introduction of visit place was given by department Nodal officer. Technical report of visit was submitted by each students and grading on visit was given by Nodal Office. Industrial visits enables the students to apply their class room learning to a real life situation . Industrial visit provides an insight on how companies work and also useful information related to the practical aspects of the course which can not be visualized in lectures. This was one day visit.
6	7 th	Mechanical	08/12/17	CIPET Raipur	42	<ol style="list-style-type: none"> About 42 students of 3rd Mechanical visited CIPET Raipur on 08/12/17. Prior permission of the visit from the concerning office was taken in advance Two faculties were also accompanied with the students, person from that site was also available to explain the things. Brief introduction of visit place was given by department Nodal officer. Technical report of visit was submitted by each students and grading on visit was given by Nodal Office. Industrial visits enables the students to apply their class room learning to a real life situation . Industrial visits provide an insight on how companies work and also useful information related to the practical aspects of the course which can not be visualized in lectures. It was one day visit.

S. No.	Sem.	Branch	Date	Industry	No. of Students	Brief Description
7	5 th	Mining	25/10/2017 to 27/10/2017	Bharveli Mines Balaghat (M P)	21	<ol style="list-style-type: none"> About 21 students of 3rd Mining visited Bharveli Mines Balaghat (M P) on 25/10/17 to 27/10/2017. Prior permission of the visit from the concerning office was taken in advance One faculty was also accompanied with the students, person from that site was also available to explain the things. Brief introduction of visit place was given by department Nodal officer. Mines were visited by the students Technical report of visit was submitted by each students and grading on visit was given by Nodal Office. Industrial visits enables the students to apply their class room learning to a real life situation . Industrial visit provides an insight on how companies work and also useful information related to the practical aspects of the course which can not be visualized in lectures. It was a three- day visit.
8	4 ^h & 6 th	ET&T	23/02/2018	All India Radio Raipur	59	<ol style="list-style-type: none"> About 59 students of 2nd and 3rd ET&T visited All India Radio Raipur on 23/02/18. Prior permission of the visit from the concerning office was taken in advance Two faculties were also accompanied with the students; person from that site was also available to explain things. Brief introduction of visit place was given by department Nodal officer. It was a All India Radio visit Technical report of visit was submitted by each students and grading on visit was given by Nodal Office. Industrial visits enables the students to apply their class room learning to a real life situation . Industrial visits provide an insight on how companies work and also useful information related to the practical aspects of the course which cannot be visualized in lectures. It was a one day visit.

Summar Industrial Training (One Month)

S. No.	Session	Branch	Number of Student Benefited		Remark	Brief Description
			B.E.IVth Sem	B.E.VIth Sem		
1	2017-18	All Branch	300	294	Training due on 1 st week of June to 1 st week of July 2018	<ol style="list-style-type: none"> One month summer training was done by all regular students of IVth Sem and VIth Sem of all branches. It is under the curriculum of CSVTU Bhilai to provide mandatory vocational training to all regular students after 2nd and 3rd yr. Request letter to various Central/State Govt Organizations, PUS were send for providing seats for training in their organizations for one month . After getting confirmation of seats, applications were invited from the students to select place of their choices. Students were also asked to arrange the seats at the place of their choices if possible Permission letters were issued for such students. This year round 40 different organizations like Tool Rooms at Kolkata, Jamshedpur, Bhubaneswar, NTPC, SECL, WRED, PHE, PWD, CSEB, Power Grid, CRISP Bhopal, SAIL, NIT Raipur, IISc Bangalore etc were chosen by students For each case application form was asked to filled by the students and are kept with Branch Nodal Officers. Final list of students with their place of training was displayed. Railway ticket concession forms were issued to the students those who are going for outside training. At the end of training each students must have to submit their training repot, training certificate, and one month attendance to their Nodal Officer. Department wise training evaluation of each students is done and marks out 20 is allotted to each students in their Vth and VIth Sem, under the course “Practical Training Evaluation” and this is credited for their final result



Startup Activity

S.No.	Date of Activity	Name of Activity	Place of Activity
01	06-12-2017	Brain storming session	GEC Bilaspur
02	08-01-2018	Participation Faculty and student in Awareness workshop for “ Smart India Hackathon 2018”	Rungta college Bhilai
03	25-01-2018	Startup Competition Identify the problems	GEC Bilaspur
04	30-01-2018	Workshop on “ All about startup”	Hotel Intersity Bilaspur
05	15-02-2018	Guest Talk to motivate the student of startup club	GEC Bilaspur
06	25-04-2018	MOU Singed with 36 INC	Raipur
07	27-04-2018	Visit of 4 selected students to 36 INC	Raipur
08	21-05-2018	One day workshop for faculty on startup	GEC Bilaspur



परीक्षा परिणाम : छ.ग.स्वामी विवेकानंद तकनीकी विश्वविद्यालय भिलाई से संबंध यह महाविद्यालय पूरे विश्वविद्यालय में सर्वश्रेष्ठ परिणाम देना है। पिछले वर्ष का परीक्षा परिणाम निम्नानुसार है :-

S.No	Branch	II			IV			VI			VIII		
		Total Appeared	Pass	% Pass	Total Appeared	Pass	% Pass	Total Appeared	Pass	% Pass	Total Appeared	Pass	% Pass
1	Civil	21	14	66.67	24	18	75.00	18	12	66.67	20	19	95.00
2	Computer Sci	38	21	55.26	41	24	58.54	45	42	93.33	44	43	97.73
3	Mechanical	39	22	56.41	49	31	63.27	50	35	70.00	45	44	97.78
4	Mining	21	11	52.38	22	17	77.27	21	15	71.43	19	16	84.21
5	IT	39	17	43.59	30	21	70.00	32	24	75.00	35	32	91.43
6	ET& T	38	21	55.26	43	20	46.51	43	27	62.79	39	32	82.05
7	Electrical	60	45	75.00	68	49	72.06	68	50	73.53	67	60	89.55
Total		256	151	59.00	277	180	65.00	277	205	74.00	269	246	91.50

S.No	Branch	I			III			V			VII		
		Total Appeared	Pass	% Pass	Total Appeared	Pass	% Pass	Total Appeared	Pass	% Pass	Total Appeared	Pass	% Pass
1	Civil	18	9	50	20	16	80.00	20	15	75.00	23	18	78.26
2	Computer Sci	39	23	58.97	48	25	52.08	43	22	51.16	46	42	91.30
3	Mechanical	39	24	61.54	46	28	60.87	49	30	61.22	49	39	79.59
4	Mining	21	9	42.86	23	11	47.83	22	17	77.27	21	16	76.19
5	IT	39	20	51.28	40	16	40.00	36	17	47.22	39	34	87.18
6	ET& T	42	25	59.52	47	21	44.68	43	21	48.84	47	36	76.60
7	Electrical	62	34	54.84	74	55	74.32	71	37	52.11	71	52	73.24
Total		260	144	55.50	298	172	57.70	284	159	56.00	296	237	80.00



क्रय (Procurement)

संस्था Teqip-III के तहत 200 कम्प्यूटर टेबल एवं 200 कम्प्यूटर चेयर क्रय किया गया है, व छात्र गतिविधि हेतु 15 सोफा क्रय किया गया, जिनका क्रय मूल्य रु. 24,54,685 है। NPIU के निर्देशानुसार संस्था में 20 Smart Class Room की स्थापना की गई है। जिस हेतु Podium एवं 13 Digital Teaching device क्रय किया गया, एवं प्रथम वर्ष की 4 कक्षाओं को Podium एवं Interactive board से सुसज्जित किया गया। इन सभी सामग्रियों का क्रयमूल्य रु. 90,52,335 है। संस्था के नये भवन में Wifi एवं अकादमिक भवन में LAN Setup लगाया गया, इसकी लागत मूल्य रु. 64,98,876 है। कार्यालय हेतु 4 फोटोकापी उपकरण एवं सभी विभागों में 30 प्रिंटर क्रय किया गया, इसका क्रयमूल्य रु. 9,20,600 है। संस्था के विश्वेसरैया हॉल में सार्वजनिक घोषणा प्रणाली (PA System) एवं स्वयंप्रभा चैनल हेतु 02 नग टी.वी. का क्रय किया गया, इसकी कुल कीमत रु. 4,15,910 है।



गेट (GATE)

संस्था के सभी संकायों के 224 छात्र/छात्राओं ने गेट (GATE-2018) की परीक्षा में सम्मिलित हुये, जिनमें से 24 छात्र/छात्राएं उत्तीर्ण हुये, एवं सभी 224 छात्र/छात्राओं को गेट परीक्षा शुल्क रु. 2,27,250 Teqip-III के अंतर्गत वापस किया गया।

उत्तीर्ण छात्र/छात्राओं की विभागवार संख्या

- सिविल इंजी. — 02
- यांत्रिक इंजी — 08
- विद्युत इंजी — 09
- इलेक्ट्रानिक्स — 02
- कम्प्यूटर साईंस — 02
- माईनिंग — 01

कुल 24

गेट GATE- 2019 में Teqip-III के अंतर्गत सभी विभाग के अंतिम व तृतीय वर्ष के विद्यार्थियों हेतु गेट GATE प्रशिक्षण महाविद्यालय में प्रारंभ किया जा रहा है।



संकाय और कर्मचारी प्रशिक्षण कार्यक्रम (Faculty and Staff Development Program)

संस्था में कार्यरत प्राध्यापकों एवं कर्मचारियों को शैक्षणिक, प्रबंधकीय क्षमता तथा गुणवत्ता बढ़ाने हेतु Teqip-III परियोजना के तहत संकाय एवं कर्मचारी प्रशिक्षण कार्यक्रम (FSD) तथा प्रबंधन क्षमता संवर्द्धन (Management Capacity Enhancement) कार्यक्रमों में देश के प्रतिष्ठित संस्थानों जैसे आई.आई.टी., आई.आई.एस.सी., एन.आई.टी.टी.टी.आर., ई.एस.सी. आई., हैदराबाद इत्यादि में प्रशिक्षण प्राप्त करने हेतु संस्था के प्राध्यापकों एवं कर्मचारियों को भेजा जाता है।

वर्तमान वर्ष 2017-18 में आज दिनांक तक संस्था में कार्यरत 34 प्राध्यापको एवं कर्मचारियों को विभिन्न प्रशिक्षण कार्यक्रमों/कार्यशालाओं में भेजा गया। इन प्राध्यापकों एवं कर्मचारियों द्वारा देश के 15 विभिन्न संस्थानों में 31 अलग-अलग विषयों पर प्रशिक्षण प्राप्त किए गए, जिसमें तकनीकी विषयों के अतिरिक्त शिक्षा शास्त्र (Pedagogy) एवं प्रबंधन के विषय शामिल है।



NBA Activities

Activity	Duration	Details
NBA Training by NPIU Expert Prof Nageshwar Guptha	23-04-2018	Dr Nageshwar Guptha was deputed by NPIU for NBA Training to all teachers belonging to various departments of GEC Bilaspur. He stayed here for 2 days and covered all 10 NBA criteria, their Marking, schedule of NBA evaluators etc. He also explained the calculation of CO and PO attainment using results of last 3 years. On the basis of this training Civil, Mechanical, Electrical, Mining and ET&T Departments prepared their SAR.
Checking of SAR by Prof Nageshwar Guptha for 5 Departments	16-05-2018	Professor Nageshwar Guptha was again called to check SAR of all 5 Departments, before uploading to NBA Portal. He had given many valuable suggestions and these were incorporated in SAR by all 5 HODs seeking accreditation.
Checking of SAR Mechanical by Prof Dr Prakash Chandra NIT Jamshedpur	16-05-2018	Dr Prakash Chandra NIT Jamshedpur was deputed by NPIU to finally check and upload SAR of Mechanical Engineering Department. He did his job and SAR has been uploaded within time lines given by NPIU.
Checking of SAR Civil by Prof Suhasini Madhekar COE Pune	16-05-2018	Dr Suhasini Madhekar of COE Pune was deputed by NPIU to finally check and upload SAR of Civil Engineering Department. He did his job and SAR has been uploaded within time lines given by NPIU.



Activities under Twinning Programme of TEQIP-III

About Twinning Programme: Govt Engineering College Bilaspur has got TEQIP-III project of Govt. of India. Twinning programme is an important component of this project. Under twinning programme an institute of higher learning (NIT Rourkela) is identified as mentor institute for Govt. Engineering College Bilaspur (mentee institute.) to help and elevate academic activities of the institute. Under twinning, following important activities were carried out during 2017-18

Sr No.	Date of Activity	Name of Activity	Place of activity	Remarks
1	05/01/18	Meeting with representatives of Mentor Institute (NIT Rourkela) Dr Gupta & Dr B G Mishra	GEC Bilaspur	
2	09/01/18	Twinning arrangement Review meeting at NPIU Noida attended by Dr M L Agrawal	NPIU Noida	Annexure-I
3	14-2-18 to 18-2-18	Seminar on “Recent Trends in Chemical Sc.” attended by Mr N. Verma	NIT Rourkela	Annexure-II
4	3-3-18 to 4-3-18	Training on “How to face Interview confidently” attended by 4 students	NIT Rourkela	Annexure-III
5	11/03/18	Workshop on “Be Motivated be Successful” 5 students attended	NIT Rourkela	Annexure-IV
6	04/04/18	12 faculty members (including Principal) visited NIT Rourkela to see facilities and system followed and had a meeting with counterparts at mentor institute	NIT Rourkela	Annexure-V
7	16-5-18 to 18-5-18	Training of Librarian and library staff of GEC Bilaspur	NIT Rourkela	Annexure-VI
8	4-6-18 to 8-6-18	Training on “Analytical & Experimental Tech. In Thermal Engg’, Attended by Mr A R Patnaik	NIT Rourkela	Annexure-VII



Research and Development Activities

List of Publications by Dr. M.L.Agrawal (Prof & Head, Civil Engg,)

- R.P. Hardaha, M.L.Agrawal A. Agrawal . Fly” Ash Utilization in Road Construction with Expansive Soil “, International Journal of Civil Engineering and Technology , 8(6), 2017 , pp. 559-566. ISSN Print: 0976-6308, ISSN Online: 0976-6316.
- G.S.VIJ, M.L.Agrawal & M.K.GUPTA,” Assessment of Traffic Noise and Development of Noise Models for National Highway-06, Passing Through Chhattisgarh, India”, Indian Journal of Science and Technology, December 2016 Vol 9(47); 1-8 (Scoups Indexed, ISSN ONLINE :09745645, Print : 09746846)

List of Publications by Dr. S.K.Singhai (Prof & Head, Electrical Engg,)

- Fizzified Multi objective PSO Approach for Amalgamate Environmental /Economic Dispatch with Potential Stability Curtailment,International Research Journal of Engineering and Technology,Voi; 4/e-ISSN 2395-0056,p-ISSN:2395-0072,2017
- Modelling and Design of DTMF Technique based automatic mobile switching & control of Any Machinery,International Research Journal of Engineering and Technology (IRJET), Voi; 4/e-ISSN 2395-0056,p-ISSN:2395-0072, 2017
- Expert Portfolio system using intergrated MCDM-GP approach, Review of Business and Technology Research, Voi; 14/No.2/ISSN 1941-9414,2017
- An Integrated three tier Architecture of AHP-GP for stock Portfolio Management , International Journal of Pure and Applied Mathematics ,Voi; 118/No.19/ISSN 1311-80809 Printrd Version) ISSN:1314-3395 (online Version) , 2018

List of Publications by Dr. G.K.Agrawal (Prof.& Head, Mechanical Engg.Dept.)

- Agrawal, R.K. and Agrawal G.K.(2017) Effect of suction pressure and other variable on heat absorption at, evaporator of simple vapour compression refrigeration system using ANN, Journal of Scientific Research in Allied sciences, 3(2): 163-177
- Agrawal, R.K. and Agrawal G.K.(2017) , Performance analysis of simple VCR system by developing ANN model with suction & delivery, pressure & temperature as input and compressor, work as output parameter , Journal of Harmonized Research in Engg. 5 ,(2):80-88,
- Agrawal, R.K. and Agrawal G.K.(2017), Developing ANN model to evaluate COP of VCR system for suction pressure suction temperature delivery pressure & delivery temperature as input parameter , Journal of Scientific Research in Allied Sciences, 3(3):178-193.
- Agrawal, R.K. and Agrawal G.K.(2017) and Zadgaonkar, A.S.,ANN model for performance analysis of VCR system suction pressure,suction temperature , compression ratio as input parameter and COP as output parameter, Journal of Harmonized Research in Engg, 5(3):144-156

टेक फेस्ट / फन गेम्स / वार्षिकोत्सव कार्यक्रम

महाविद्यालय में दिनांक 15 तथा 16 मार्च 2018 को टेक फेस्ट/फन गेम्स का आयोजन किया गया। उक्त कार्यक्रम में इंजीनियरिंग महाविद्यालय में छात्र/छात्राओं ने उत्कृष्ट तकनीकी मॉडल बनाकर प्रस्तुत किये तथा फन गेम्स संबंधी कार्यक्रम में बढ़ चढ़कर भाग लिये। इस कार्यक्रम में 13 तकनीकी कार्यक्रम को 13 छात्र/छात्राओं ने उत्कृष्ट ढंग से प्रस्तुत करके प्रथम स्थानप्राप्त किया। पुरस्कार स्वरूप प्रत्येक छात्र को रु. 1000/- तथा प्रमाण पत्र एवं द्वितीय स्थान प्राप्त करने वाले 4 छात्र/छात्राओं रु. 500/- तथा प्रमाणपत्र प्रदान किये गये। इसी प्रकार फन गेम के 14 कार्यक्रमों को 14 छात्र/छात्राओं द्वारा प्रभावशाली रूप से संचालित किया गया, जिसमें छात्र/छात्राओं ने उत्साहपूर्वक भाग लिया।



महाविद्यालय में 17 मार्च 2018 को वार्षिकोत्सव कार्यक्रम का आयोजन किया गया। जिसमें Alumni of Bilaspur Government Engineering College (ABGEC) के अध्यक्ष एवं पूर्व छात्र श्री टी.पी.एस.अरोरा मुख्य अतिथि, ABGEC के उपाध्यक्ष श्री ज्योर्तिमय आर्या, सचिव श्री सुधीर गुप्ता विशिष्ट अतिथि एवं महाविद्यालय के प्राचार्य डॉ. बी.एस.चावला की अध्यक्षता में वार्षिकोत्सव कार्यक्रम सम्पन्न हुआ। उक्त अवसर पर छात्र/छात्राओं ने मनमोहक सांस्कृतिक कार्यक्रम प्रस्तुत किया। संस्था के डॉ. एम.एल.अग्रवाल डीन (एकेडमिक) ने NBA की महत्ता पर प्रकाश डाला तथा डॉ.जी.एस.सिंह, वार्षिकोत्सव संयोजक ने छात्र/छात्राओं हेतु संस्था में चल रहे रोजगारोन्मुखी कार्यक्रमों की जानकारी दी तथा विश्वविद्यालयीन स्तर पर छात्र/छात्राओं द्वारा सांस्कृतिक साहित्यिक/खेलकुद प्रतियोगिताओं में अर्जित की गई उपलब्धियों का विवरण प्रस्तुत किया।

Alumni Contribution

S.N o.	Scheme	Year	Name of Alumni	Name of Organisation	Name of Student benefited	Branch	Semester
1	Campus Placement	2017-18	Shri Salil Sinha	Nsight (Package 3 LPA)	Shikha Shrivastava	IT	7 th /8 th
					Anurag Sharma	CS	7 th /8 th
					Kavita Sahu	ET & T	7 th /8 th
					Amisha	CS	7 th /8 th
		2017-18	Shri Govind Sharma	S. K. Samantha Group (Package as intern – 1.8 LPA)	Sudhanshu Shukla	ME	7 th /8 th
					Anukriti Dubey	EE	7 th /8 th
					Sahswat Mishra	EE	7 th /8 th
					Yogesh Sahu	ME	7 th /8 th
					Surbhi Tripathi	Civil	7 th /8 th
		2017-18	Shri Atul Gandhe	JMS Mining Services (Package 4 LPA)	Yogesh Kumar Dhuri	Mining	7 th /8 th
					Devendra Singh	Mining	7 th /8 th
					Praveen Sahu	Mining	7 th /8 th
					Nafeesh Alam	Mining	7 th /8 th
					Balwant Amlesh	Mining	7 th /8 th
					Shubham Paigwar	Mining	7 th /8 th
					Hemant Kumar Dewangan	EE	7 th /8 th
					Narrotam Gupta	EE	7 th /8 th
2	Technical Talk	2017-18	D K Lalchandani	Former Chairman RRB			
			Probir Ghoshal	Scientist, USA			
			Alok Shrivastav	Scientist, ISRO			
			Salil Sinha	C&S Wholesale Grocers, Boston			
			Abhijeet Shrivastava	Xudera Corporation Inc, Califonia			
			Laxmi Rathore	Ministry of Power GOI			
			Ruchi Panchayati	Asso. Professor at University of Australia			
			Anil Rane	Entrepreneur Mumbai			
			Usha Pakala	Chief Engineer Production ONGC Rajmundry			

ABGEC ACTIVITIES

S. No.	Scheme	Year	Name of Students	Branch	Sem	Amount	Mobile No
1	Dr. Probir K Ghoshal Scholarship	2017-18	1. Pawan Kumar Modi 2. Himanshu Pandey	Mining Mining	3 rd Sem 5 th Sem	19200/- 19250/-	7828574420 7222934580
2	Alumni of Bilaspur Govt. Engg. College (ABGEC) Financial Assistance	2017-18	1. Neelima Dewangan 2. Chhama Sahu 3. Dinesh Kumar Mirche	Electrical Electrical IT	Passout 1 st Sem 1 st Sem	36000/- 20000/- 13100/-	



List of Faculty

Name	Designation	Contact No.
Dr. B S Chawla	Principal	9424144090
Department : Mechanical		
Dr. G K Agrawal	Professor (HOD)	9406213464
Prof. Avinash Ranjan Patnaik	Assistant Professor	7838919577
Prof. Ruchin Kumar	Assistant Professor	8006177199
Prof. Shyam Singh Kanwar	Assistant Professor	8109488581
Prof. Praveen Kumar Kujur	Assistant Professor	8085773950
Prof. Sandip Kumar Sahu	Assistant Professor	7691912101
Prof. Satish Kumar Gavel	Assistant Professor	9575329918
Prof. Uday Khakha	Assistant Professor	9406364996
Department : Electrical		
Dr. Sanjay Kumar Singhai	Professor (HOD)	9424169277
Dr. Anil Kumar Shukla	Associate Professor	9424147842
Dr. K K Saxena	Associate Professor	7024027010
Prof. N P Singh	Associate Professor	8349500641
Prof. Sanjay Kumar Dewangan	Assistant Professor	8878740348
Department : Civil		
Dr. Mohan Lal Agrawal	Professor (HOD)	7415367124
Dr. (Ms.) Seema Chauhan	Associate Professor	9827111977
Prof. (Ms.) Preeti Rajput	Assistant Professor	8085785841
Prof. Aditya singh	Assistant Professor	9981713323
Prof. Kamal Shanker Patel	Assistant Professor	9179780701
Department : Electronics and Telecommunication		
Dr. Vinay Kumar Singh	Associate Professor (HOD)	7987773989
Prof. Sourabh Yadav	Assistant Professor	8871089917
Prof. Umashankar Dewangan	Assistant Professor	9981293105
Prof. Rahul Gupta	Assistant Professor	8120920917
Prof. (Mrs.) Deepika Bairagi	Assistant Professor	7898841366
Department : Mining		
Prof. S B S Tekam	Associate Professor (HOD)	9589037207
Prof. Gurudev Choudhary	Assistant Professor	8319736398
Department : Mathematics		
Dr. G S Singh	Professor (HOD)	9424334029
Dr. Santosh Kumar Dabadghao	Associate Professor	9424152669
Dr. Vikas Kumar Mishra	Assistant Professor	9752684021
Dr. Ramnarayan Dewangan	Assistant Professor	9300605797
Department : Chemistry		
Dr. (Mrs.) J.K.Chawla	Associate Professor (HOD)	9981713323
Prof. Navin Kumar Verma	Assistant Professor	9907940266
Prof. Manesh Kumar Mandavi	Assistant Professor	9713162212
Department : Physics		
Prof. Resham Kumar Dahariya	Assistant Professor	9926164981
Prof. Tokeshwar Kumar Dewangan	Assistant Professor	7000219291
Department : English		
Prof. Indranee Borkar	Assistant Professor	9098640094