



# वार्षिक प्रतिवेदन 2018-19

## Annual Report 2018-19



शासकीय इंजीनियरिंग महाविद्यालय, बिलासपुर  
(छ.ग.)

Government Engineering College Bilaspur (C.G.)

## **Vision**

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

## **Mission**

- Develop technical competencies to enhance employability and entrepreneurship.
- Promoting research and consultancy activities to meet the need of industries.
- 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)**

- राजगार व उद्यमिता बढ़ाने 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।

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सत्र 2018–19 में शासकीय इंजीनियरिंग महाविद्यालय बिलासपुर में टेक्यूप-3 के अंतर्गत शैक्षणिक व अन्य पाठ्येतर गतिविधियों का विवरण निम्नानुसार है :-

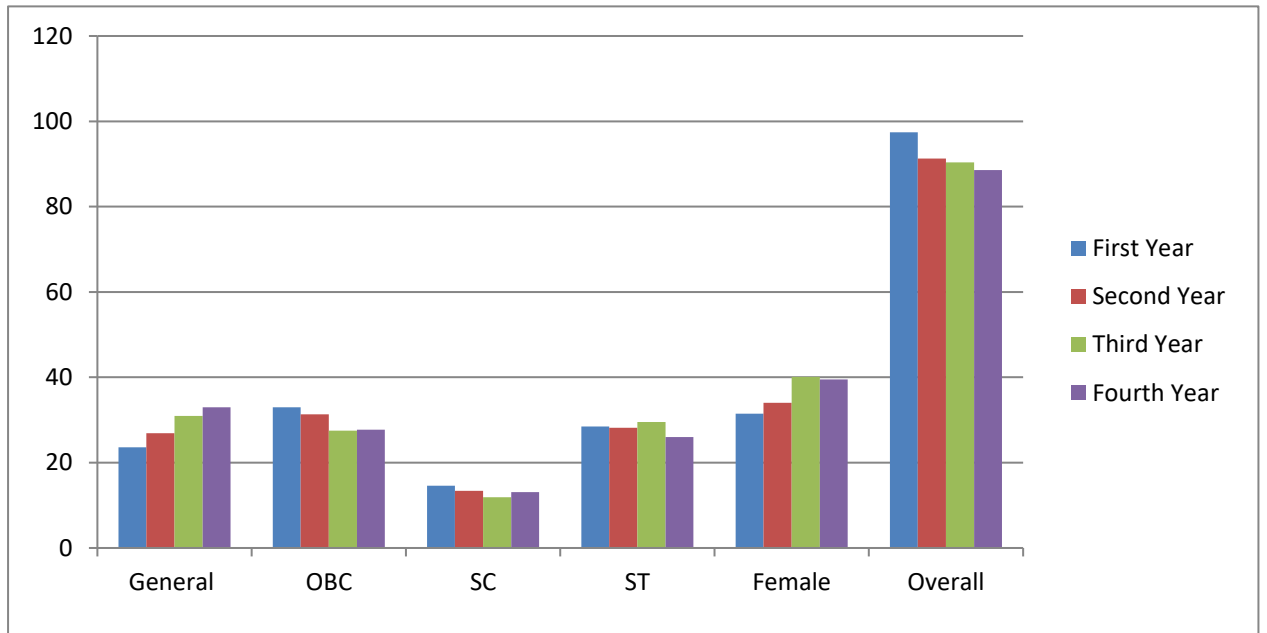
### 01.प्रवेश संक्षेपिका (Admission Summary)

इस विद्यालय की स्थापना सन् 1964 में तीन ब्रांच सिविल, मेकेनिकल एवं इलेक्टिकल ब्रांच के साथ हुई, वर्तमान में संस्था में सात ब्रांच संचालित है जिनका विवरण निम्नानुसार है :-

| ब्रांच                 | ए.आई.सी.टी.ई. द्वारा अनुमोदित वर्तमान सीट की संख्या | प्रारंभ होने का वर्ष |
|------------------------|---|----------------------|
| CIVIL                  | 20  | 1964                 |
| COMPUTER               | 40  | 2000                 |
| ELECTRICAL             | 60  | 1964                 |
| ET&T                   | 40  | 2000                 |
| MECHANICAL             | 40  | 1964                 |
| MINING                 | 20  | 1986                 |
| Information Technology | 40  | 2000                 |

उपरोक्त के अतिरिक्त संस्था मे प्रथम वर्ष मे Sanctioned Intake के 5 % TFW (Tuition fee Waiver) एवं द्वितीय वर्ष मे Sanctioned Intake के 20% सीटो पर अतिरिक्त प्रवेश दिया जाता है संस्था मे विभिन्न वर्ग के प्रवेशित छात्रा की संख्या निम्न सारणी मे दर्शित है तथा इससे संबंधित छात्र छात्राओ का प्रतिशत बार चार्ट मे दर्शया गया है

|          | 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               | 63                      | 88                    | 39                   | 76                   | 182                          | 84                             | 266         |
| II Year  | 325               | 80                      | 93                    | 40                   | 84                   | 196                          | 101                            | 297         |
| III Year | 325               | 91                      | 81                    | 35                   | 87                   | 176                          | 118                            | 294         |
| IV Year  | 325               | 95                      | 80                    | 38                   | 75                   | 174                          | 114                            | 288         |



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



प्रथम वर्ष में नवप्रवेशित छात्रों द्वारा सांस्कृतिक कार्यक्रम



## **2 - “ INDUCTION PROGRAM”**

संस्था में AICTE तथा CSVTU से प्राप्त निर्देशों के अनुपालन में बी.ई. प्रथम वर्ष के सभी छात्र/छात्राओं हेतु Induction Program का आयोजन दिनांक 30.07.2018 से 21.08.2018 तक किया गया। जिसके अंतर्गत Educational Lecture/ Motivational Lect./ Communication Skills/ Expert Lect./ Local Area Visit/ Indoor-Outdoor Games/ Literary Activity/ Cultural Activity/ Doctor's Session/ Yes Course एवं Proficiency Module Classes etc. का आयोजन किया गया ।

AICTE द्वारा Induction Program के अंतर्गत जो गतिविधियाँ करायी जाती है, उनमें से कई गतिविधियाँ आर्ट ऑफ लिविंग के Yes कोर्स में समाहित है। Yes कोर्स (Youth Empowerment & Skills) बी.ई. प्रथम वर्ष के छात्र/छात्राओं हेतु विशेष तौर पर तैयार किया गया है, जिसके अंतर्गत योगा, एकाग्रता, प्राणायाम, मेडिटेशन एवं सुदर्शन किया आयोजित की जाती है, जो छात्र/छात्राओं के मानसिक शारिरिक एवं भावनात्मक तनाव को नियंत्रित करता है, जिससे प्रथम वर्ष के छात्र/छात्राएँ महाविद्यालय के नये वातावरण में सहज महसूस करते हुए अपना पठन-पाठन सुगमता पूर्वक कर सके ।



प्रथम वर्ष के नवप्रवेशित छात्रों को चिकित्सकीय परामर्श

### 03 - Technical Training, Tour, Visit ( Session 2018-19)

| S.No | Firm                    | Branch     | Semester | Module                                       | Date                       | Duration | No. of Students benefited |
|------|-------------------------|------------|----------|--|----------------------------|----------|---------------------------|
| 1    | <b>CTTC Bhubneshwar</b> | CSE        | 3rd      | Programming in C/ C++                        | 12th Oct. - 17th Oct. 2018 | 1 Week   | 44                        |
| 2    |                         | IT         |          |  |                            |          | 37                        |
| 3    |                         | Mining     |          |  |                            |          | 15                        |
| 4    |                         | ET&T       |          |  |                            |          | 29                        |
| 5    |                         | Electrical |          |  |                            |          | 63                        |
| 6    | <b>CIPET, Raipur</b>    | Mechanical | 3rd      | CAD/CAM (CATIA)                              | 12th Oct. - 17th Oct. 2018 | 1 Week   | 45                        |
| 7    |                         | Civil      |          |  |                            |          | 24                        |
| 8    | <b>CTTC Bhubneshwar</b> | CSE        | 8th      | Artificial Intelligence & Internet of Things | 1-2 Feb 2019               | 2 Days   | 36                        |
| 9    | <b>CTTC Bhubneshwar</b> | IT         | 6th      | Artificial Intelligence & Internet of Things | 22nd-23rd Feb. 2019        | 2 Days   | 36                        |



Educational visit of VII sem. ET&T students



### Details of Industrial Visit (Session 2018-19)

| S.No | Date            | Name of Industry / Firm      | Place              | Branch     | Beneficiary Students    | Duration | No. of Students Participated |
|------|-----------------|------------------------------|--------------------|------------|-------------------------|----------|------------------------------|
| 1    | 30th Aug. 2018  | Hasdev Bango Dam             | Korba              | Civil      | 3rd, 5th & 7th Semester | 1 Day    | 52                           |
| 2    | 16th Sep. 2018  | Solid Waste Management Plant | Kacchar, Bilaspur  | Civil      | 3rd, 5th & 7th Semester | 1 Day    | 56                           |
| 3    | 24th Sep. 2018  | CSPDCL                       | Bilaspur           | Electrical | 3rd Semester            | 1 Day    | 60                           |
| 4    | 29th Sep. 2018  | HTTP CSEB                    | Korba              | Electrical | 7th Semester            | 1 Day    | 61                           |
| 5    | 3rd Oct. 2018   | ABV Power Plant              | Jangir-Champa      | Mechanical | 7th Semester            | 1 Day    | 40                           |
| 6    | 11th Oct 2018   | BSNL                         | Bilaspur           | ET&T       | 7th Semester            | 1 Day    | 43                           |
| 7    | 27th March 2019 | Madwa Power Plant            | Mawda Plant Jangir | Mechanical | 8th Semester            | 1 Day    | 40                           |
| 8    | 29th March 2019 | ABV Power Plant              | Jangir-Champa      | Mechanical | 6th Semester            | 1 Day    | 40                           |
| 9    | 5th April 2019  | Rudri Dam, Dhamtari          | Dhamtari           | Civil      | 6th & 8th Semester      | 1 Day    | 45                           |
| 10   | 25th May 2019   | Hirri Mines, Bilaspur        | Hirri, Bilaspur    | Mining     | 4th Semester            | 1 Day    | <b>25</b>                    |



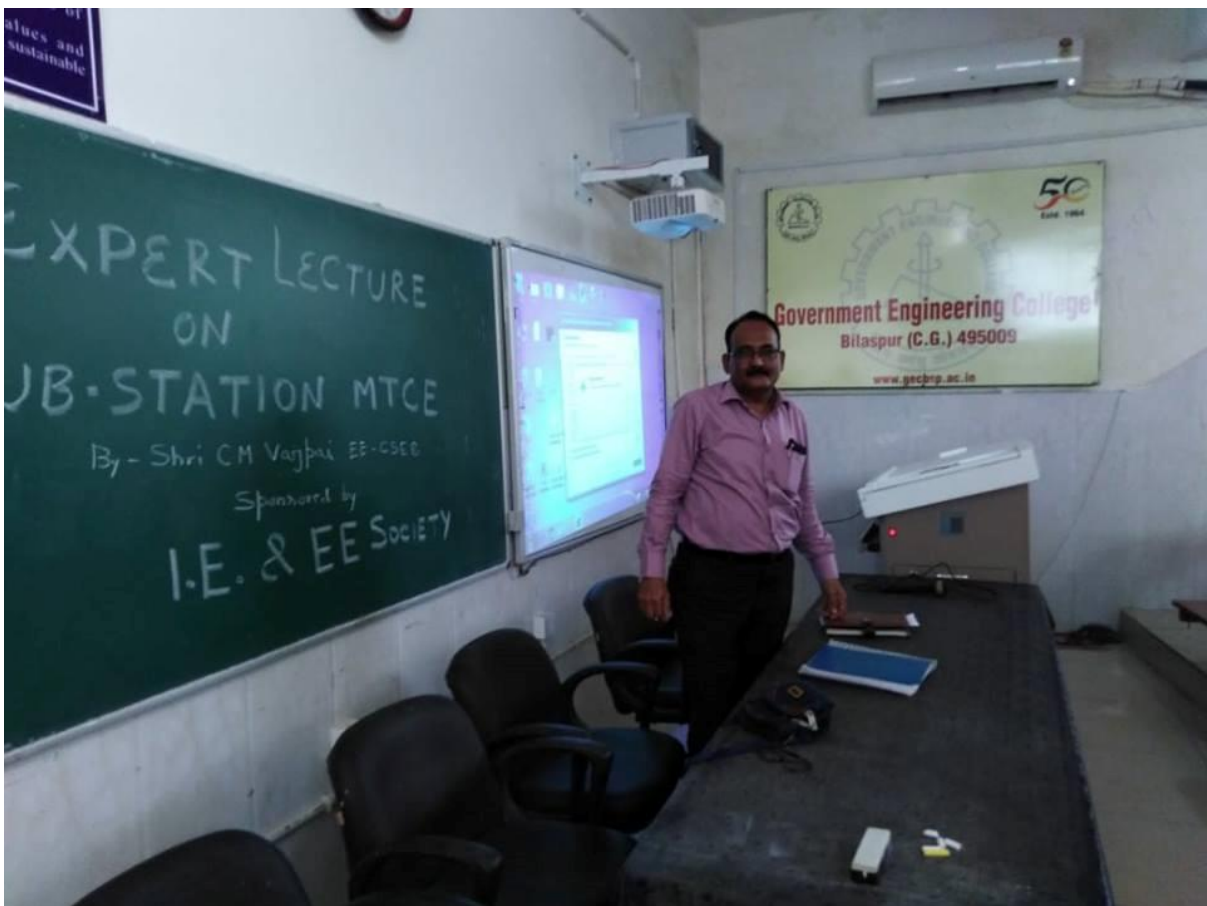
Industrial visit of 6 sem. Mechanical Students to Madwa

#### 04- Summary of Technical Talk / Expert Lecture (Session 2018-19)

| S.No | Date            | Speakers Name                                 | Designation & Industry  | Topic / Module                          | Branch       | Benificiary Students | Approx. No. of Students Participated |
|------|-----------------|---|---|---|--------------|----------------------|--------------------------------------|
| 1    | 23rd Feb. 2019  | Dr Rahul Jain (Alumni ,ME)                    | Assistant Professor, IIT Bhilai                                     | "Manufacturing Science"                 | Mech.        | 4th, 6th & 8th Sem.  | 75                                   |
| 2    | 11th March 2019 | Dr. U K Dewangan                              | Asso. Professor, NIT Raipur   | "Fundamental of Structure Analysis"     | Civil        | 8th Sem.             | 24                                   |
| 3    | 29th March 2019 | Dr. Anurag Tiwari (Alumni 1991 Batch, Mining) | Sr. Manager, SECL   | "Mine Closure & Land Reclamation"       | Mining       | 4th, 6th & 8th Sem.  | 46                                   |
| 4    | 2nd April 2019  | Mr Mukesh Mishra (Alumni 1998 Batch, Mining)  | Soft Architect, Persistent System Mumbai                            | Career Opportunities in USA             | Mining       | 4th, 6th & 8th Sem.  | 40                                   |
| 5    | 6th April 2019  | Mr. Amit Urvasha (Alumni 2014 Batch, EE)      | Asst. engineer, Electrical Safety Dept., CG Govt.,                  | "Electrical Safety"                     | EE           | 4th & 6th Sem.       | 80                                   |
| 6    | 9th April 2019  | Mr. C M Vajpai                                | Executive Engg., CSEB, Bilaspur                                     | Substation Maintenance                  | EE           | 4th & 6th Sem.       | 65                                   |
| 7    | 18th April 2019 | Ms Prithvideep Chawla                         | Data Scientist, Ascent Health & Wellness Solution Pvt. Ltd., Mumbai | Career Guidance & Motivation Session    | ETC, IT, CSE | 6th & 8th Sem.       | 80                                   |
| 8    | 22nd April 2019 | Mr. Debesh Pattanayak                         | CAD Consultant & Placement Executive, CTTC Bhubneshwar              | Career Guidance & Orientation Program   | All Branch   | 4th & 6th Sem.       | 120                                  |
| 9    | 25th April 2019 | Mrs. Swati Soni Karwate                       | Manager, Planning & System, NTPC, Sipat                             | Electronics in Plant Control Automation | ETC, IT, CSE | 8th Sem.             | 60                                   |
| 10   | 7th May 2019    | Mr. Vikas Shrivastava (Alumni 2006 Batch, ME) | Deputy Project Manager, ISRO  | "Career in ISRO"                        | All Branch   | 2nd, 4th, 6th Sem    | 125                                  |



Technical talk by Ms Prithvideep Chawla



Expert lecture by Shri C.M. Vajpai for electrical engineering students

**05- EXAMINATION RESULT**  
**EIGHT SEM EXAM. RESULT (Apr-May. 2019)**

| Sr. No.      | Branch     | Appeared Students | No. of Pass Students | No. of Fail Students | Percentage   |
|--------------|------------|-------------------|----------------------|----------------------|--------------|
| 1            | Civil      | 25                | 18                   | 7                    | 72.00        |
| 2            | Computer   | 43                | 35                   | 8                    | 81.40        |
| 3            | Electrical | 71                | 61                   | 10                   | 85.92        |
| 4            | ET & T     | 39                | 30                   | 9                    | 76.92        |
| 5            | I.T.       | 29                | 29                   | 0                    | 100.00       |
| 6            | Mech.      | 48                | 46                   | 2                    | 95.83        |
| 7            | Mining     | 22                | 22                   | 0                    | 100.00       |
| <b>Total</b> |            | <b>277</b>        | <b>241</b>           | <b>36</b>            | <b>87.00</b> |

**SEVENTH SEM EXAM. RESULT (NOV. DEC. 2018)**

| Sr. No.      | Branch     | Appeared Students | No. of Pass Students | No. of Fail Students | Percentage   |
|--------------|------------|-------------------|----------------------|----------------------|--------------|
| 1            | Civil      | 25                | 21                   | 4                    | 84.00        |
| 2            | Computer   | 43                | 39                   | 4                    | 90.70        |
| 3            | Electrical | 73                | 55                   | 18                   | 75.34        |
| 4            | ET & T     | 41                | 26                   | 15                   | 63.41        |
| 5            | I.T.       | 31                | 27                   | 4                    | 87.10        |
| 6            | Mech.      | 48                | 41                   | 7                    | 85.42        |
| 7            | Mining     | 22                | 21                   | 1                    | 95.45        |
| <b>Total</b> |            | <b>283</b>        | <b>230</b>           | <b>53</b>            | <b>81.27</b> |

**SIXTH SEM EXAM. RESULT (Apr-May. 2019)**

| Sr. No.      | Branch     | Appeared Students | No. of Pass Students | No. of Fail Students | Percentage   |
|--------------|------------|-------------------|----------------------|----------------------|--------------|
| 1            | Civil      | 25                | 22                   | 3                    | 88.00        |
| 2            | Computer   | 43                | 39                   | 4                    | 90.70        |
| 3            | Electrical | 66                | 39                   | 27                   | 59.09        |
| 4            | ET & T     | 43                | 32                   | 11                   | 74.42        |
| 5            | I.T.       | 39                | 22                   | 17                   | 56.41        |
| 6            | Mech.      | 43                | 29                   | 14                   | 67.44        |
| 7            | Mining     | 22                | 15                   | 7                    | 68.18        |
| <b>Total</b> |            | <b>281</b>        | <b>198</b>           | <b>83</b>            | <b>70.46</b> |

**FIFTH SEM EXAM. RESULT (NOV. DEC. 2018)**

| Sr. No.      | Branch     | Appeared Students | No. of Pass Students | No. of Fail Students | Percentage   |
|--------------|------------|-------------------|----------------------|----------------------|--------------|
| 1            | Civil      | 26                | 13                   | 13                   | 50.00        |
| 2            | Computer   | 45                | 35                   | 10                   | 77.78        |
| 3            | Electrical | 68                | 38                   | 30                   | 55.88        |
| 4            | ET & T     | 45                | 31                   | 14                   | 68.89        |
| 5            | I.T.       | 41                | 29                   | 12                   | 70.73        |
| 6            | Mech.      | 43                | 33                   | 10                   | 76.74        |
| 7            | Mining     | 23                | 8                    | 15                   | 34.78        |
| <b>Total</b> |            | <b>291</b>        | <b>187</b>           | <b>104</b>           | <b>64.26</b> |

#### FOURTH SEM EXAM. RESULT (Apr-May. 2019)

| Sr. No.      | Branch     | Appeared Students | No. of Pass Students | No. of Fail Students | Percentage   |
|--------------|------------|-------------------|----------------------|----------------------|--------------|
| 1            | Civil      | 25                | 16                   | 9                    | 64.00        |
| 2            | Computer   | 50                | 40                   | 10                   | 80.00        |
| 3            | Electrical | 73                | 38                   | 35                   | 52.05        |
| 4            | ET & T     | 34                | 23                   | 11                   | 67.65        |
| 5            | I.T.       | 40                | 22                   | 18                   | 55.00        |
| 6            | Mech.      | 45                | 28                   | 17                   | 62.22        |
| 7            | Mining     | 21                | 13                   | 8                    | 61.90        |
| <b>Total</b> |            | <b>288</b>        | <b>180</b>           | <b>108</b>           | <b>62.50</b> |

#### THIRD SEM EXAM. RESULT (NOV. DEC. 2018)

| Sr. No.      | Branch     | Appeared Students | No. of Pass Students | No. of Fail Students | Percentage   |
|--------------|------------|-------------------|----------------------|----------------------|--------------|
| 1            | Civil      | 25                | 18                   | 7                    | 72.00        |
| 2            | Computer   | 49                | 31                   | 18                   | 63.27        |
| 3            | Electrical | 73                | 54                   | 19                   | 73.97        |
| 4            | ET & T     | 39                | 18                   | 21                   | 46.15        |
| 5            | I.T.       | 40                | 21                   | 19                   | 52.50        |
| 6            | Mech.      | 44                | 29                   | 15                   | 65.91        |
| 7            | Mining     | 22                | 7                    | 15                   | 31.82        |
| <b>Total</b> |            | <b>292</b>        | <b>178</b>           | <b>114</b>           | <b>60.96</b> |

#### SECOND SEM EXAM. RESULT (Apr-May. 2019)

| Sr. No.      | Branch     | Appeared Students | No. of Pass Students | No. of Fail Students | Percentage |
|--------------|------------|-------------------|----------------------|----------------------|------------|
| 1            | Civil      |                   |                      |                      |            |
| 2            | Computer   |                   |                      |                      |            |
| 3            | Electrical |                   |                      |                      |            |
| 4            | ET & T     |                   |                      |                      |            |
| 5            | I.T.       |                   |                      |                      |            |
| 6            | Mech.      |                   |                      |                      |            |
| 7            | Mining     |                   |                      |                      |            |
| <b>Total</b> |            |                   |                      |                      |            |

#### FIRST SEM EXAM. RESULT (NOV. DEC. 2018)

| Sr. No.      | Branch     | Appeared Students | No. of Pass Students | No. of Fail Students | Percentage   |
|--------------|------------|-------------------|----------------------|----------------------|--------------|
| 1            | Civil      | 21                | 15                   | 6                    | 71.43        |
| 2            | Computer   | 42                | 35                   | 7                    | 83.33        |
| 3            | Electrical | 60                | 36                   | 24                   | 60.00        |
| 4            | ET & T     | 39                | 16                   | 23                   | 41.03        |
| 5            | I.T.       | 38                | 24                   | 14                   | 63.16        |
| 6            | Mech.      | 41                | 22                   | 19                   | 53.66        |
| 7            | Mining     | 21                | 12                   | 9                    | 57.14        |
| <b>Total</b> |            | <b>262</b>        | <b>160</b>           | <b>102</b>           | <b>61.07</b> |





Certificate distribution to toppers



Certificate to 1st year student Preksha Verma

## 06. गेट (GATE)

TEQIP-III के अंतर्गत संस्था के सभी संकायों के अंतिम वर्ष व तृतीय वर्ष के कुल 200 छात्रों को गेट 2019 का प्रशिक्षण दिया गया। संस्था में कुल 202 छात्रों ने गेट 2019 की परीक्षा दी जिसमें 43 छात्रों ने सफलता प्राप्त की। गेट प्रशिक्षण में कुल 39,67,800 राशि खर्च की गई तथा 202 छात्रों को परीक्षा शुल्क रु. 2,11,000 वापस किया गया। माईनिंग इंजीनियरिंग विभाग के छात्र स्वप्निल सिंह ने 30वां एवं प्रवीण प्रजापति ने 88 वां स्थान प्राप्त कर महाविद्यालय को गौरवान्वित किया। गेट 2019 की परीक्षा में उत्तीर्ण छात्रों की विभागवार सूची निम्नानुसार है :-

| S.No | Name                  | Category | Branch     | Marks | AIR   |
|------|-----------------------|----------|------------|-------|-------|
| 01.  | Yashwant Yadav        | OBC      | Civil      | 52.3  | 2980  |
| 02.  | Aakanksha Agrawal     | GEN      | Civil      | 35.03 | 12559 |
| 03.  | Swarnim Shukla        | GEN      | Civil      | 31.64 | 16040 |
| 04.  | Bhoj Kumar            | OBC      | Civil      | 30.15 | 17868 |
| 05.  | Sudhanshu Naik        | OBC      | Civil      | 29.34 | 19013 |
| 06.  | Suman Bhagat          | ST       | Civil      | 27.38 | 21654 |
| 07.  | Sandhya Yadav         | OBC      | Civil      | 26.32 | 23530 |
| 08.  | Bhawna Pandey         | GEN      | CSE        | 39.67 | 6297  |
| 09.  | Himanshu Gupta        | GEN      | CSE        | 38    | 7244  |
| 10.  | Anshul Chourasia      | GEN      | CSE        | 37.33 | 7613  |
| 11.  | Hemant Kumar Lader    | SC       | CSE        | 34.00 | 9923  |
| 12.  | Ayushi Shirode        | GEN      | CSE        | 33.00 | 10776 |
| 13.  | Srishti Sharma        | GEN      | CSE        | 29.67 | 14088 |
| 14.  | Riya Yadav            | OBC      | CSE        | 27.67 | 16523 |
| 15.  | Jasmine Ekka          | ST       | CSE        | 23.67 | 22711 |
| 16.  | Gauri Dhangad         | ST       | CSE        | 22.33 | 25304 |
| 17.  | Saniya Siddiqui       | GEN      | Electrical | 50.33 | 10404 |
| 18.  | Naresh Kumar          | OBC      | Electrical | 47.67 | 11947 |
| 19.  | Himanshu Bansod       | SC       | Electrical | 44.67 | 13785 |
| 20.  | Himani Dewangan       | OBC      | Electrical | 43.33 | 14740 |
| 21.  | Vishal Singh          | OBC      | Electrical | 40.67 | 16793 |
| 22.  | Manindra Kurrey       | SC       | Electrical | 40.67 | 16793 |
| 23.  | Dev Kumar Khande      | SC       | Electrical | 36    | 20838 |
| 24.  | Hitesh Kumar Banjare  | SC       | Electrical | 29    | 28282 |
| 25.  | Bhelesh Dewangan      | OBC      | ET&T       | 30.33 | 10965 |
| 26.  | Manju Lalwani         | GEN      | ET&T       | 27    | 14174 |
| 27.  | Surya Prakash Thawait | OBC      | Mechanical | 60.77 | 4610  |
| 28.  | S. Rishabh kumar      | GEN      | Mechanical | 39.71 | 18589 |
| 29.  | Aditya Kamal Sharma   | GEN      | Mechanical | 36.11 | 22677 |
| 30.  | Chandan Kumar Pandey  | SC       | Mechanical | 35    | 24550 |

|     |                        |     |            |       |        |
|-----|------------------------|-----|------------|-------|--------|
| 31. | Anup Kumar Singh       | ST  | Mechanical | 29.17 | 32443  |
| 32. | Shubham Netam          | ST  | Mechanical | 25.43 | 39337  |
| 33. | Chandan Ratre          | SC  | Mechanical | 23.73 | 43112  |
| 34. | Chetan Chandel         | ST  | Mechanical | 22.71 | 45630  |
| 35. | Swapnil Singh          | GEN | Mining     | 56.33 | 30     |
| 36. | Praveen Prajapati      | OBC | Mining     | 48.33 | 88     |
| 37. | Ajay Kumar Mehar       | SC  | Mining     | 39.67 | 230    |
| 38. | Shivam Ganguly         | GEN | Mining     | 36    | 308    |
| 39. | Abhikshek Dewangan     | OBC | Mining     | 34.67 | 351    |
| 40. | Devendra Gupta         | GEN | Mining     | 33    | 385    |
| 41. | Himanshu Pandey        | GEN | Mining     | 32.33 | 404    |
| 42. | Tikeshwar Singh Dahare | SC  | IT         | 24    | 22124  |
| 43. | Fanishwar Satyam       | SC  | IT         | 28    | 160525 |



Honour of Swapnil Singh 8<sup>th</sup> Sem. Mining secured 30th position in GATE 2019

## **07- Employability Skill Training for Third Year (All Branches)**

### **For the session 2018-19**

**The broad objectives of the training shall be as given below:**

- a) Enhance student's approaches to learning from instruction in Employability skill training which are required for working in industry particularly for solving novel problems by becoming more skilled readers, note-takers, and strategic learners.
- b) In this entire document; Employability Skill development Training should be read as:- combination of Employability skill Development classroom interaction between the subject expert and Engineering graduating students with access to digital-online employability skill development tutorials and assessments on the Training provided.
- c) Expand their toolbox (of methods) to solve problems by becoming more skilled at explicitly thinking about their reasoning processes, and developing strategies that work for them.
- d) The ultimate goal is that students generalize these methods and process to other applications and transfer them to other quantitative problem-solving courses and independent work.
- e) Develop systematic methods for learning from problem sets, including: how to apply and transfer conceptual knowledge; identify common obstacles and errors; and contextualize individual problems within the themes and concepts of the course.
- f) The course work shall cover Quantitative aptitude, Logical reasoning, verbal aptitude, Personal interview & resume writing.
- g) All other relevant skills to be imparted to enhance managerial, communication, team work, leadership, entrepreneurial & technical capabilities of graduating engineering students.

**The course contents for employability skill training designed to achieve following qualitative objectives.**

- a) To impart to each student broad skills of learning to learn, learning to think and learning to live.
  - b) To reinforce core values of integrity, respect for all, and care for environment
  - c) To function as a resource centre for knowledge management and entrepreneurship development in the emerging technologies.
  - d) To establish close linkage with industry to make teaching and research at the institutes relevant to the needs of the economy, at national and global levels
- Number of students benefited (third year all branches)= 293/294



- Total hours of Training (including test) = 110 hours
- Modules covered are:- Quantitative Aptitude Unit, Reasoning Aptitude Unit, Career Skill Unit, Communication skills and Team working skills
- Service provider agency – Universal Education, Bangalore (Empanelled by NPIU)
- Number of students benefited = 1111/1158

Service provider agency – Aspiring Minds, Bangalore (Empanelled by NPIU)

Total Expenditure :- 6.00 Lacs



Employability & soft skills training to 5th sem..Students



## 08- Start up Activities Conducted

| S. No | Name of Activity                                   | Date/Duration | Venue                    | No of beneficiary         |
|-------|--|---------------|--------------------------|---------------------------|
| 1.    | Seed money to Two start-up                         | 24/08/2018    | -                        | 4 (10,000/- each)         |
| 2.    | Idea pitching event                                | 24/11/2018    | MV Hall                  | 25 students               |
| 3.    | Team sent for idea proofing                        | 25/01/2019    | 36inc Raipur             | 10 students               |
| 4.    | SIH workshop                                       | 15/01/2019    | Krishna College Bhilai   | 37 Students               |
| 5.    | Idea pitching event                                | 21/03/2019    | MV Hall                  | 20 Students               |
| 6.    | Seed money (50,000) grant for AAHAR                | 26/03/2019    | -                        | 4 Students                |
| 7.    | Inauguration of “AAHAR”at Start-up Activity centre | 8/04/2019     | Start-up activity centre | 4 students                |
| 8.    | Participation of Teams in SIH 2019                 | -             | -                        | 37 Students               |
| 9.    | Team sent to 36inc                                 | 06/05/2019    | 36inc, Raipur            | 9 Students                |
| 10.   | IPR awareness workshop for students and faculty    | 13/06/2019    | MV Hall                  | 60 Students<br>40 Faculty |



Team of “AAHAR” Start-up

### 09 Placement Record Details

| S.No | Name of Student    | Branch | Company Name          | Date of Drive | Location   | Package | Type of Drive |
|------|--------------------|--------|-----------------------|---------------|------------|---------|---------------|
| 1    | Rahul Anand        | Mining | Prism Johnson Limited | 10/31/2018    | Satna (MP) | 4.5 LPA | On Campus     |
| 2    | Swapnil Singh      | Mining |                       |               |            |         |               |
| 3    | Lalit Ambule       | CSE    | Techment              | 2/14/2019     | Bhilai(CG) | 2.75LPA |               |
| 4    | Surya Prakash      | Mech.  | S K Samanta Pvt. Ltd. | 2/19/2019     | PAN India  | 4 LPA   |               |
| 5    | Sonal Lalchandani* | Mech.  |                       |               |            |         |               |
| 6    | Yuvraj Sahu        | EE     |                       |               |            |         |               |
| 7    | Praveen Bahadur    | EE     |                       |               |            |         |               |
| 8    | Himani Dewangan*   | EE     |                       |               |            |         |               |
| 9    | Deepti Jaiswal     | EE     |                       |               |            |         |               |
| 10   | Akansha Agrawal    | Civil  |                       |               |            |         |               |
| 11   | Bhoj Kumar         | Civil  |                       |               |            |         |               |
| 12   | Kalash Ramteke*    | Civil  |                       |               |            |         |               |
| 13   | Kunal Bose         | IT     | Nsight, Hydrabad      | 5/25/2019     | Hyderabad  | 3.5LPA  |               |
| 14   | Riya Yadav         | CSE    |                       |               |            |         |               |
| 15   | Bhavna Pandey      | CSE    |                       |               |            |         |               |
| 16   | Priyanshi Singh    | CSE    |                       |               |            |         |               |

(\* Offer Letter Awaited)

| S.No. | Name of Student     | Branch | Company Name | Date of Drive | Location        | Package  | Type of Drive |
|-------|---------------------|--------|--------------|---------------|-----------------|----------|---------------|
| 1     | Aditya Kamal Sharma | Mech.  | Go Speedy Go | 9/24/2018     | Bhubneshwar(OD) | 4.12 LPA | Pool Campus   |



Selection of Lalit Ambule, CSE , by Techment

## Placement Details 2018-19

| Department of Electrical Engineering |                  |                  |              |               |   |
|--------------------------------------|------------------|------------------|--------------|---------------|---|
| S.No                                 | Name of Student  | Discipline       | Passing Year | On/Off Campus | Name of Company                         |
| 1                                    | Yuvraj Sahu      | Electrical Engg. | 2019         | On Campus     | S K Samanta Pvt. Ltd.<br>Kolkata (W.B.) |
| 2                                    | Praveen Bahadur  | Electrical Engg. | 2019         | On Campus     |   |
| 3                                    | Himani Dewangan* | Electrical Engg. | 2019         | On Campus     |   |
| 4                                    | Deepti Jaiswal   | Electrical Engg. | 2019         | On Campus     |   |

| Department of Mining Engineering |                 |              |              |               |  |
|----------------------------------|-----------------|--------------|--------------|---------------|--|
| S.No                             | Name of Student | Discipline   | Passing Year | On/Off Campus | Name of Company                        |
| 1                                | Rahul Anand     | Mining Engg. | 2019         | On Campus     | Prism Johnson Limited,<br>Satna (M.P.) |
| 2                                | Swapnil Singh   | Mining Engg. | 2019         | On Campus     |  |

| Department of Mechanical Engineering |                     |                  |              |               |   |
|--------------------------------------|---------------------|------------------|--------------|---------------|---|
| S.No                                 | Name of Student     | Discipline       | Passing Year | On/Off Campus | Name of Company                         |
| 1                                    | Surya Prakash       | Mechanical Engg. | 2019         | On Campus     | S K Samanta Pvt. Ltd.<br>Kolkata (W.B.) |
| 2                                    | Sonal Lalchandani*  | Mechanical Engg. | 2019         | On Campus     |   |
| 3                                    | Aditya Kamal Sharma | Mechanical Engg. | 2019         | Pool Campus   | Go Speedy Go,<br>Bhubneshwar            |

| Department of Civil Engineering |                 |             |              |               |   |
|---------------------------------|-----------------|-------------|--------------|---------------|---|
| S.No                            | Name of Student | Discipline  | Passing Year | On/Off Campus | Name of Company                         |
| 1                               | Akansha Agrawal | Civil Engg. | 2019         | On Campus     | S K Samanta Pvt. Ltd.<br>Kolkata (W.B.) |
| 2                               | Bhoj Kumar      | Civil Engg. | 2019         | On Campus     |   |
| 3                               | Kalash Ramteke* | Civil Engg. | 2019         | On Campus     |   |

| Department of Computer Science & Engineering |                 |            |              |               |                         |
|--|-----------------|------------|--------------|---------------|-------------------------|
| S.No   | Name of Student | Discipline | Passing Year | On/Off Campus | Name of Company         |
| 1  | Lalit Ambule    | CSE        | 2019         | On Campus     | Techment, Bhilai (C.G.) |
| 2  | Riya Yadav      | CSE        | 2019         | On Campus     | Nsight, Hyderabad       |
| 3  | Bhavna Pandey   | CSE        | 2019         | On Campus     |                         |
| 4  | Priyanshi Singh | CSE        | 2019         | On Campus     |                         |

| Department of Information Technology |                 |            |              |               |                   |
|--------------------------------------|-----------------|------------|--------------|---------------|-------------------|
| S.No                                 | Name of Student | Discipline | Passing Year | On/Off Campus | Name of Company   |
| 1                                    | Kunal Bose      | IT         | 2019         | On Campus     | Nsight, Hyderabad |

\* Offer letter awaited

Total- 17 Placement ( 16-On Campus, 01-Pool Campus)

## 10- Procurement Activities

| S. No. | Item Name                    | Item Details                 | Unit Rate  | Qty | Total Price |
|--------|------------------------------|------------------------------|------------|-----|-------------|
| 1      | LED TV for Swayam Prabha     | LED TV                       | 110000.00  | 2   | 220000.00   |
| 2      | Laptop                       | Laptop                       | 49250.00   | 25  | 1231250.00  |
| 3      | PA System                    | Amplifier 1                  | 195910     | 1   | 195910      |
|        |                              | Amplifier 2                  |            | 1   |             |
|        |                              | Advance Feedback Terminator  |            | 1   |             |
|        |                              | Speaker Wall Mount           |            | 2   |             |
|        |                              | ARC Studio Master            |            | 1   |             |
|        |                              | System Rack                  |            | 1   |             |
| 4      | Printer                      | Printer                      | 19900.00   | 30  | 597000.00   |
| 5      | Photocopier                  | Photocopier                  | 80900.00   | 4   | 323600.00   |
| 6      | WiFi                         | Wi-Fi Access Point           | 99990.54   | 50  | 4999527.00  |
| 7      | Computer Table               | Computer Table               | 4920.00    | 200 | 984000.00   |
| 8      | Computer Chair               | Computer Chair               | 6136.00    | 200 | 1227200.00  |
| 9      | Sofa                         | Sofa                         | 18898.93   | 15  | 283484.00   |
| 10     | Digital Podium               | Digital Podium               | 149998.00  | 20  | 2999960.00  |
| 11     | Digital Teaching Device      | Digital Teaching Device      | 230500.00  | 13  | 2996500.00  |
| 12     | Projector                    | Projector                    | 54800.00   | 7   | 383600.00   |
| 13     | Interactive Panel            | Interactive Panel            | 25370.00   | 7   | 177590.00   |
| 14     | Civil Works                  | Civil Works                  | 5000000.00 |     | 5000000.00  |
| 15     | LAN                          | LAN                          | 2999207.00 |     | 2999207.00  |
| 16     | Civil Project & Research Lab | Air Monitoring Kit           | 926300.00  | 1   |             |
|        |                              | Weather Monitoring System    | 531000.00  | 1   |             |
|        |                              | Noise Monitoring System      | 649000.00  | 1   |             |
|        |                              | Stake Monitoring Kit         | 35400.00   | 1   |             |
|        |                              | NDT Concrete test kit        | 141600.00  | 1   |             |
| 17     | Structural Engineering Lab   | STAAD Pro (20 users License) | 1768053.00 | 1   | 1768053.00  |



Weather Monitoring System



## 11-Faculty Development Programs Attended

| S.No . | Date of Activity | Name of Activity   | Place of Activity | Head of Activity         | Remark (Name of Beneficiary)  |
|--------|------------------|--|-------------------|--------------------------|---|
| 1      | 02-06 July 2018  | Multimedia Forensics & Security                                    | NIT Rourkela      | FSD                      | Prof. Umashanker Dewangan   |
| 2      | 02-06 July 2018  | Fundamentals of Computational Fluid Dynamics: A Practical Approach | NIT Rourkela      | FSD                      | Prof. Praveen Kumar Kujur, Prof. Uday Khakha, Shayam Singh kanwar, Sandip Sahu,   |
| 3      | 04-06 July 2018  | FDP FOR STUDENT INDUCTION PROGRAM                                  | CSVTU BHILAI      | FSD                      | Prof. Resham Dahariya, Dr. RN Dewangan  |
| 4      | 27-29 July 2018  | start up conclave - Educate to innovate 1.0                        | ESCI Hyderabad    | FSD                      | Dr B S Chawla , Sanjay Dewangan , Preeti Rajput , Deepika Bairegi , Kamal Shankar Patel Umashanker Dewagan . Satish Gavel N P Singh Dr. M L Agrawal Dr. V K Singh |
| 5      | 1-5 Dec. 2018    | Workshop on Andriod App Testing                                    | NIT Rourkela      | Workshop                 | Prof. Utsav Malviya, Vivek Singh Rajput   |
| 6      | 3-8 Dec. 2018    | School on Systems & Control  | NIT Calicut       | FDP                      | Prof. Rohit K Mathew  |
| 7      | 10-12 Dec 2018   | Advances in Industrial Automation                                  | NIT Patna         | FDP                      | Prof. Prince Kumar  |
| 8      | 19th Dec 2019    | International Conference on Role of Remote Sensing & GIS           | NIT Patna         | International Conference | Prof. Preeti Singh Rajput   |



Start up conclave, ESCI Hyderabad, 27-29 July 2018



## Management Capacity Enhancement Programs

| S.No. | Date of Activity | Name of Activity                  | Place of Activity | Head of Activity | Remark (Name of Beneficiary)   |
|-------|------------------|-----------------------------------|-------------------|------------------|--|
| 1     | 04-06 July 2018  | Professional Development Training | IIM Indore        | MCEP             | Dr B S Chawla  |
| 2     | 13-15 Sep, 2018  | Professional Development Training | IIM, Raipur       | MCEP             | Dr. BS Chawla  |
| 3     | 7-8 Jan 2019     | Professional Development Training | IIM Trichi        | MCEP             | Dr B S Chawla  |
| 4     | 4th Feb. 2019    | Good Governance                   | SPIU Bhopal       | MCEP             | Dr. A.K. Shukla<br>Dr. K. k. Saxsena<br>Dr. V. K. Singh<br>Prof. Umashankar Dewangan |



Professional Development Training Programme, IIM Trichi

### Staff Development Program

| S.No. | Date of Activity | Name of Activity           | Place of Activity      | Head of Activity | Remark (Name of Beneficiary)  |
|-------|------------------|----------------------------|------------------------|------------------|---|
| 1     | 24-28 sep 2018   | Computer Skill Enhancement | GEC Bilaspur (inhouse) | FSD              | 1.Anupama Saxena<br>2. Mr G S Shrote<br>3.Mr P. R. GARHEWAL<br>4.Mrs KAMINI CHANDRA<br>5. Mr SATISH KUMAR CHANDRAKAR<br>6. Mr D D pakmode<br>7.Mr Shushil Kumar Ekka<br>8.Mr Ishwariya Prsad bhartiya<br>9 Mr.Shanksr Lal Mathur<br>10. Mr.K.K.Verma<br>11. Mr.V.K.Jain<br>12.Mr.Rajkumar Suryawanshi<br>13. Mr.Bhupal Singh Maravi<br>14. Munalal Markam<br>15. Mr.P.M. Khedekar<br>16.Mr.Devkumar Garhewal<br>17.Mr.S.K.Vastrakar<br>18. Mr.B.L.Chhatri<br>19. Mr. Onkar Prsad Shukla 20.<br>Mr.Bhaskar Prsad Kamal 21.<br>Mr.B.L.Tonder<br>22. Mr.C.R.Sirmor<br>23.Mr.Sajan Kumar Markam |

## 12- NBA Accreditation

Accreditation is a process of quality assurance and improvement, whereby a program in an approved Institution is critically appraised to verify that the program continues to meet and/or exceed the Norms and Standards prescribed by regulator from time to time. It is a kind of recognition which indicates that a program fulfills desired standards.

The Government Engineering College Bilaspur is committed to its students to provide quality technical education, at par with any other leading institution of country. In its efforts to improve the quality of teaching learning the Institute has pledged to achieve NBA Accreditation by National Board of Accreditation New Delhi.

The Institute has 7 UG Programs running at present and it is an affiliated TIER-II institute of Chhattisgarh Swami Vivekananda Technical University. Initially the Institute filed the accreditation application for following programs on

1. Civil Engineering.
2. Mechanical Engineering.

The NBA Evaluation team visited institute on 22-23-24 Feb 2019 and the results of evaluation was as under,

| Criteria                        | Description   | Marks | Civil Engineering | Mechanical Engineering |
|---------------------------------|---|-------|-------------------|------------------------|
| 1                               | Vision, Mission and Program Educational Objectives        | 60    | 39                | 38                     |
| 2                               | Program Curriculum and Teaching – Learning Processes      | 120   | 65                | 67                     |
| 3                               | Course Outcomes and Program Outcomes                      | 120   | 81                | 73                     |
| 4                               | Students' Performance                                     | 150   | 73                | 81                     |
| 5                               | Faculty Information and Contributions                     | 200   | 157               | 138                    |
| 6                               | Facilities and Technical Support                          | 80    | 56                | 47                     |
| 7                               | Continuous Improvement                                    | 50    | 25                | 25                     |
| <b>Institute Level Criteria</b> |   |       |                   |                        |
| 8                               | First Year Academics                                      | 50    | 36                | 36                     |
| 9                               | Student Support Systems                                   | 50    | 35                | 35                     |
| 10                              | Governance, Institutional Support and Financial Resources | 120   | 95                | 95                     |
|                                 |   | 1000  | 662               | 635                    |

As a result both programs were awarded NBA accreditation of 2 years i.e. 2019-20 and 2020-21 batches.

Now the institute has filed another accreditation application on 31/1/2019 for the consideration of following UG programs,

1. Electronics and Engineering.
2. Electrical Engineering.
3. Mining Engineering,

The NBA Evaluation team visits have been fixed on 13-14-15 September 2019. Institute has carried out at least 3 mock evaluations of these programs, and it is hopeful to get it in all 3 programs



NBA Chairman & experts of Civil & Mechanical Engineering Program



Chairman NBA team inspecting FMS

### 13 - Activities under Twinning Programme

| SL. | Name of Activity  | Venue         | Date / Duration          | Number of Beneficiary  |
|-----|---|---------------|--------------------------|--|
| 1   | Attending Workshop on "Computational Fluid Dynamics"  | NIT Rourkela  | 02-06 July 2018          | 04 Faculty Members from Mech Engg Dept. (Prof. SS Kanwar, Prof. Praveen Kujur, Prof. Sandip Sahu, Prof. Uday Khakha) |
| 2   | "Multimedia Forensics & Security"   | NIT Rourkela  | 02-06 July 2018          | 01 Faculty (Prof. Umashankar Dewangan)   |
| 3   | Faculty visited Mentor institute to see the facilities  | NIT Rourkela  | 09-10 July 2018          | 11 Faculty members   |
| 4   | Supporting staff visited Mentor institute to see the facilities   | NIT Rourkela  | 12-13 July 2018          | 10 supporting laboratory Staff   |
| 5   | National work shop on "Issues related to Thermal Power Plants" (Two faculties from NIT Rourkela delivered expert lecture Prof. S Murugan & Prof M K Mahapatra)) | GEC Bilaspur  | 20.08.2018               | Student – 160<br>Faculty – 36<br>Participant from Out – 10   |
| 6   | NBA Mock visit for Civil & Mech. Department By experts from NIT Rourkela  | GEC Bilaspur  | 08.09.2018               | Civil & Mech. Department (Dr Mahabir Panda & Dr Sahu from NIT Rourkela)  |
| 7   | "Equipment Purchase Specification Revision"   | NIT Rourkela  | 11.09.2018               | 02 Faculty (Dr. M L Agrawal and Dr. G K Agrawal)   |
| 8   | Sponsored National Workshop on "Android App Testing"  | NIT Rourkela  | 01-05 Dec. 2018          | 02 Faculty (Prof. Vivek Singh Rathor & Prof. Utsav Malviya)  |
| 9   | National Conference on Infrastructural Development & Sustainability organized jointly by GEC Bilaspur and NIT Rourkela  | GEC Bilaspur  | 20-21 Dec 2018           | 170 Students,<br>48 Faculty<br>20 participants from outside  |
| 10  | National Level Sports Competition   | NIT, Rourkela |                          | 01 Faculty (Prof. Gopal Kumar) + 4 Students Participated   |
| 11  | Workshop on "Upcoming IPR Patenting Procedure (Funding Short Term Course)"  | NIT, Rourkela | 29.04.2019               | 04 Faculties (Prof. Vikas Mishra, Prof. R K Dahariya, Prof. K S Patel & Prof. Utsav Malviya)                         |
| 12  | A team of three faculties visited GEC Bilaspur to interact and discuss with faculties of GEC Bilaspur for collaborative research and joint research guidance    | GEC Bilaspur  | 25-05-2019               | 30 Faculty members attended  |
| 13  | Summer Vocational Training Of 4 <sup>th</sup> , 6 <sup>th</sup> & 8 <sup>th</sup> Sem Students at NIT Rourkela  | NIT Rourkela  | 20.06.2019 to 20.07.2019 | 80 Students of different branch will participate   |



## 14- Research and Development Activities

| SL. | Name of Activity   | Venue           | Date / Duration                        | Number of Beneficiary  |
|-----|--|-----------------|--|--|
| 1   | National work shop on “Issues related to Thermal Power Plants” organized at GEC Bilaspur.      | GEC Bilaspur    | 20.08.2018                             | Student – 160<br>Faculty – 36<br>Participant from Out – 10                         |
| 2.  | Research Methodology for Faculty Members   | GEC Raipur      | 25-26 Sept. 2018                       | 02 faculty, Prof Naveen Verma and Prof. Rahul Gupta                                |
| 3.  | National Conference on Infrastructural Development & Sustainability organized at GEC Bilaspur. | GEC Bilaspur    | 20-21 Dec 2018                         | Student – 170<br>Faculty – 48<br>Participant from Out –20                          |
| 4.  | "HYDRO-2018 International Conference"  | NIT Patna       | 19-21 Dec 2018                         | 01 Faculty Prof. Preeti Rajput   |
| 5.  | Research paper publication by faculty members in conferences and journals                      | GEC Bilaspur    | From 1 <sup>st</sup> July 18 till date | 27 faculty   |
| 6.  | Project Work by students of Mechanical Engg Students.  | NIT Rourkela    | 13-18 March 2019                       | Student- 04  |
| 7.  | Research Project by Civil Engg Dept. on “Utilization of Fly ash for Stabilization of Soil”.    | GEC Bilaspur    | Dec. 18                                | BOG of GEC Bilaspur approved an amount of Rs 1.0 Lac                               |
| 8.  | Research Project by Mechanical Engg Dept. on “Stir Welding”.                                   | CGCOST Raipur   | Dec. 18                                | Project is submitted to CGCOST for funding of Rs 4.76 lacs,                        |
| 9.  | Faculties applied for Ph D under QIP   | QIP Scheme      | Oct. 18                                | 5 faculties have applied for Ph D under QIP  |
| 10. | Awards for students’ Projects  | GEC Bilaspur    | June 2019                              | About 30 students will be awarded with Rs 1000/- each (one group from each branch) |
| 11. | Research Proposals submitted by faculties under CRS (Collaborative Research Scheme) of AICTE   | AICTE New Delhi | 14 May 2019                            | Total 11 projects are submitted  |



Inauguration of National Seminar on “Issues related to Thermal Power Plants”(20-8-2018)



Prof. Vinod Tare, IITK, Key note speaker on National Conference on Infrastructural Development & Sustainability, (20- 21-Dec. -2018)

## 15- Tech Fest/Fun Games

विगत वर्षों की भाँति इस वर्ष भी संस्था में 16 मार्च 2019 से 18 मार्च 2019 तक टेक फेस्ट तथा फन गेम्स “कौशलम” कार्यक्रम का आयोजन किया गया। इस कार्यक्रम में इंजीनियरिंग महाविद्यालय के छात्र/छात्राओं ने विभागवार बेहतरीन टेक्नीकल मॉडल बनाकर प्रस्तुत किये, जिसमें प्रमुख टेक्नीकल मॉडल निम्नानुसार है :— Master Minds, Tech Yupp, Aqua jet 2.0, Line Robot Race, Short Key and Project Expo etc. इसी प्रकार Fun Zone events- Tug of War, gulli Cricket, Twister Maths, Startup Mantra, Talent hunt, Pitthul and Youth Parliament etc. भी प्रस्तुत किया गया। टेक फेस्ट की कोआर्डिनेटर डॉ० सीमा चौहान द्वारा गुणवत्ता के आधार पर बेहतरीन टेक्नीकल मॉडल को पुरस्कार हेतु चयनित किया गया। सभी छात्र/छात्राओं ने पूरे उत्साह के साथ इस टेक फेस्ट तथा फनजोन इवेन्ट में हिस्सा लिया।



Opening ceremony of Kaushalam 2019

## 16- Annual Function

संस्था में दिनांक 19 मार्च 2019 को वार्षिकोत्सव कार्यक्रम का आयोजन किया गया। जिसमें ABGEC के अध्यक्ष एवं वरिष्ठ एल्यूमनी श्री टी.पी.एस. अरोरा मुख्य अतिथि, ABGEC के सचिव श्री सुधीर गुप्ता जी एवं श्री रोहित कुमार शिवहरे जी विशिष्ट अतिथि एवं महाविद्यालय के प्राचार्य डॉ० बी.एस.चावला जी की अध्यक्षता में वार्षिकोत्सव कार्यक्रम संपन्न हुआ ।

उक्त अवसर पर छात्र/छात्राओं ने मनमाहक सांस्कृतिक कार्यक्रम प्रस्तुत किया। छात्र संघ के पदाधिकारियों एवं कक्षा प्रतिनिधियों को मंच पर प्रमाण पत्र वितरित किये गये । संस्था के डॉ० एम.एल. अग्रवाल विभागाध्यक्ष सिविल एवं डीन एकेडमिक ने एकेडमिक गतिविधियों की जानकारी प्रस्तुत किया तथा डॉ० एस.के.सिंघई प्राध्यापक एवं विभागाध्यक्ष विद्युत ने NBA की महत्ता पर प्रकाश डाला। संस्था की प्रशिक्षण एवं नियोजन अधिकारी डॉ० सीमा चौहान ने नियोजन संबंधी गतिविधियों, तकनीकी प्रशिक्षण तथा औद्योगिक भ्रमण के बारे में जानकारी प्रस्तुत की। इस वार्षिकोत्सव कार्यक्रम क संयोजक डॉ० जी.एस.सिंह ने विश्वविद्यालयीन स्तर पर छात्र/छात्राओं द्वारा अर्जित की गई उपलब्धियों का विवरण प्रस्तुत किया। डॉ० विकास कुमार मिश्रा ने धन्यवाद ज्ञापन किया।



Performance by Shiksha Sharma, 6<sup>th</sup> Mechanical in annual day function



## 17- Alumni Contributions

Govt. Engg. College Bilaspur has got strong alumni relation. Data of more than 500 alumni working in India and across the globe holding key position in their organization, are available with the institute. Alumni of the institute are contributing for the development of the institute. Following are the major contributions of the alumni of the institute.

1. Shri. Ashish Gore (1990 Batch, Mechanical Engg.) has sponsored tuition fees, of 5 students for three consecutive year from 2015-16, 2016-17 and 2017-18. A total amount of Rs. 90000 each year were given to support the needed students.
2. Shri Probir Ghoshal (1992 Batch, Electrical Engg.) has sponsored tuition fees of 02 students for two consecutive year from 2016-17 to 2017-18. A total amount of Rs. 40000 per year were given to support the needed students
3. Shri Manish Sanat (1994 Batch, Mechanical Engg.) sponsored 50% tuition fee of two students in the year 2016-17
4. Alumni of Bilaspur GEC (ABGEC) is also contributing by helping students in the from of tuition fees, hostel/mess fees reimbursement.
5. Under alumni mentorship scheme 38 senior alumni are mentoring more then 100 students for carrying out project work, career shaping and overall development.
6. Shri. Pradeep Chawla (2002 Batch, Electrical Engg.) is guiding 03 students of Electrical Engineering Department for project work .Under his guidance one of student Ms. Bhumika Gupta got her research paper selected in international conference CDN LIVE – 2019, Silicon Valley, USA April 12-3
7. Many alumni of the college are helping to bring companies for placement.



Cheque handed over from ABGEC to Principal, GEC Bilaspur to award overall  
Topper student



**18- NSS Programme**  
**राष्ट्रीय सेवा योजना**  
**नियमित गतिविधि कार्यक्रम का विवरण**

| क्र0 | दिनांक     | संपन्न आयोजित कार्य का विवरण   | भाग लेने वाले छात्र-छात्राओं की संख्या | समय (घण्टे) | कार्य स्थल                      |
|------|------------|--|--|-------------|---------------------------------|
| 01.  | 01-07-2018 | वृक्षारोपण   | 50                                     | 5 घण्टे     | महाविद्यालय परिसर               |
| 02.  | 01-08-2018 | वृक्षारोपण   | 10                                     | 1 घण्टे     | सुभाष उद्यान, महाविद्यालय परिसर |
| 03.  | 31-08-2018 | मतदाता जागरूकता  | 100                                    | 3 घण्टे     | कोनी                            |
| 04.  | 01-09-2018 | स्वच्छता एवं साफ सफाई  | 60                                     | 2 घण्टे     | महाविद्यालय परिसर               |
| 05.  | 06-09-2018 | डेन्गू बीमारी जागरूकता संबंधी गोद ग्राम कछार में नुक्कड़ नाटक एवं रैली | 30                                     | 4 घण्टे     | कछार                            |
| 06.  | 20-09-2018 | मतदाता जागरूकता हेतु पोस्टर एवं स्लोगन लेखन प्रद्वर्नि                 | 30                                     | 3 घण्टे     | एम.वी.हॉल                       |
| 07.  | 28-09-2018 | मतदाता शपथ पत्र भरवाना   | 10                                     | 2 घण्टे     | एम.वी.हॉल                       |
| 08.  | 05-10-2018 | रंगोली प्रतियोगिता विषय मतदाता जागरूकता                                | 02                                     | 1 घण्टे     | जी.डी.सी.बिलासपुर               |
| 09.  | 06-10-2018 | Faculty 11 v/s New voter 11 क्रिकेट मैच (Sweep)                        | 20                                     | 2 घण्टे     | महाविद्यालय परिसर               |
| 10.  | 09-10-2018 | Presentation on EVM & VVPAT by Prof.G.Choudhary                        | 40                                     | 1 घण्टे     | एम.वी.हॉल                       |



Nukkad natak by NSS on Dengue awareness in Kachhar village

|     |            |  |     |           |                                   |
|-----|------------|--|-----|-----------|-----------------------------------|
| 11. | 11-10-2018 | EVM तथा VVPAT की ट्रेनिंग  | 150 | 3 घण्टे   | एम.वी.हॉल                         |
| 12. | 12-10-2018 | मतदाता जागरूकता हेतु प्र"न पतियोगिता   | 20  | 1 घण्टे   | एम.वी.हॉल                         |
| 13. | 13-10-2018 | मतदाता जागरूकता हेतु पतंगबाजी प्रतियोगिता  | 04  | 2 घण्टे   | सी.एम.डी. महाविद्यालय बिलासपुर    |
| 14. | 31-10-2018 | मतदाता जागरूकता हेतु "युवा सेल्फी" कार्यक्रम                                     | 20  | 1 घण्टे   | एम.वी.हॉल                         |
| 15. | 31-10-2018 | राष्ट्रीय एकता दिवस  | 100 | 1 घण्टे   | एम.वी.हॉल                         |
| 16. | 26-11-2018 | संविधान दिवस   | 100 | 1 घण्टे   | एम.वी.हॉल                         |
| 17. | 01-12-2018 | विश्व एड्स दिवस  | 90  | 1 घण्टे   | एम.वी.हॉल                         |
| 18. | 08-12-2018 | स्वच्छता   | 70  | 2 घण्टे   | महाविद्यालय परिसर                 |
| 19. | 09-12-2018 | स्वच्छता   | 100 | 3 घण्टे   | महाविद्यालय परिसर                 |
| 20. | 08-02-2019 | राष्ट्रीय कृमि निवारण अभियान   | 50  | 1/2 घण्टे | एम.वी.हॉल                         |
| 21. | 28-02-2019 | उर्जा संरक्षण पर आधारित " ब्राइट आइडिया" प्रतियोगिता का शुभारंभ                  | 10  | 1 घण्टे   | एम.वी.हॉल                         |
| 22. | 02-03-2019 | उर्जा संरक्षण पर आधारित " ब्राइट आइडिया" प्रतियोगिता का समापन एवं पुरस्कार वितरण | 10  | 2 घण्टे   | एम.वी.हॉल                         |
| 23. | 26-03-2019 | Fire safety on Academic Institute विषय पर अर्ध दिवसीय कार्य"गाला                 | 69  | 4 घण्टे   | एम.वी.हॉल एवं इलेक्ट्रिकल प्रांगण |
| 24. | 21-06-2019 | अंतर्राष्ट्रीय योग दिवस  | 50  | 1 घण्टे   | एम.वी.हॉल                         |



Plantation in campus

## 19- List of Faculty

| <b>Name</b>   | <b>Designation</b> | <b>Contact No.</b> |
|---------------|--------------------|--------------------|
| Dr.B.S.Chawla | Principal          | 9424144099         |

### Department : Mechanical

|                        |                     |            |
|------------------------|---------------------|------------|
| Dr.G.K.Agrawal         | Prof. & HOD         | 9406213464 |
| Avinash Ranjan Patnaik | Assistant Professor | 7838919577 |
| Ruchin Kumar           | Assistant Professor | 8006177199 |
| Shyam Singh Kanwar     | Assistant Professor | 8109488581 |
| Praveen Kumar Kujur    | Assistant Professor | 8085773950 |
| Sandip Kumar Sahu      | Assistant Professor | 7691912101 |
| Satish Kumar Gavel     | Assistant Professor | 9575329918 |
| Uday Khakha            | Assistant Professor | 9406364996 |

### Department : Electrical

|                             |                     |            |
|-----------------------------|---------------------|------------|
| Dr. S.K.Singhai             | Prof. & 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 |
| Prof. Prince Kumar          | Assistant Professor | 8210422925 |
| Prof. Sampad Barik          | Assistant Professor | 7551097244 |
| Prof. Deepi Singh           | Assistant Professor | 9304644944 |
| Prof. Rajeshwar Vaishnav    | Assistant Professor | 8103204454 |
| Prof. Rohit K. Mathew       | Assistant Professor | 9446761771 |

### Department : Civil

|                           |                     |            |
|---------------------------|---------------------|------------|
| Dr. Mohan Lal Agrawal     | Prof. & HOD         | 7415367124 |
| Dr. (MS.) Seema Chauhan   | Associate Professor | 9827111977 |
| Dr. (MS.) Preeti Rajput   | Assistant Professor | 8085785841 |
| Prof. Aditya Singh        | Assistant Professor | 9981713323 |
| Prof. Kamal Shankar Patel | Assistant Professor | 9179780701 |

### Department : Electronics and Telecommunication

|                              |                     |            |
|------------------------------|---------------------|------------|
| Dr. Vinay Kumar Singh        | Prof. & 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 |
| Prof. Champa Lal Lalani      | Assistant Professor | 9414968144 |
| Prof. V.Rama Krishna         | Assistant Professor | 9929500462 |
| Prof. Deepak Asati           | Assistant Professor | 8817792685 |
| Prof. Gopal Kumar            | Assistant Professor | 7004695912 |
| Prof. Utsav Kumar Malviya    | Assistant Professor | 9977679810 |
| Prof. Vivek Kumar Rathore    | Assistant Professor | 7065126687 |

**Department : Mining**

|                         |                           |            |
|-------------------------|---------------------------|------------|
| Prof. S.B.S.Tekam       | Associate Professor (HOD) | 9589037207 |
| Prof. Gurudev Choudhary | Assistant Professor       | 8319736398 |
| Prof.Akhilesh Kerketta  | Assistant Professor       | 7987561486 |

**Department : Mathematics**

|                             |                     |            |
|-----------------------------|---------------------|------------|
| Dr. G.S.Singh               | Prof. & HOD         | 9424334029 |
| Dr. Santosh Kumar Dabadghao | Associate Professor | 9424152669 |
| Prof. Vikash Kumar Mishra   | Assistant Professor | 9752684021 |
| Prof. Ramnarayan Dewangan   | Assistant Professor | 9300605797 |

**Department : Chemistry**

|                            |                     |            |
|----------------------------|---------------------|------------|
| Prof. Naveen 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. Indrani Borkar | Assistant Professor | 9098640094 |
|----------------------|---------------------|------------|

**Dispensary**

|             |                 |            |
|-------------|-----------------|------------|
| Dr.K.H.Khan | Medical Officer | 9907444985 |
|-------------|-----------------|------------|

**Account Office**

|                        |                 |            |
|------------------------|-----------------|------------|
| Bhupendra Singh Thakur | Account Officer | 7089557825 |
|------------------------|-----------------|------------|

**Library**

|                    |           |            |
|--------------------|-----------|------------|
| Smt.Anupama Saxena | Librarian | 9993864671 |
|--------------------|-----------|------------|





Interaction of Performance auditor Prof. D.R.Peshwe with Students



Farewell of 8th sem. Electrical Engg. Students





Principal Secretary, Technical Education, with NBA team



Member of Board of Governors