



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING
Name of the head of the Institution	Dr. U.P. WAghe
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	07104242919
Mobile no.	9764996477
Registered Email	principal@ycce.edu
Alternate Email	udaywaghe@yahoo.com
Address	Hingna Road, Wanadongri
City/Town	NAGPUR
State/UT	Maharashtra
Pincode	441110

2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)

18-Nov-2009

Type of Institution

Co-education

Location

Rural

Financial Status

private

Name of the IQAC co-ordinator/Director

Prof. A.R. Bhagat Patil

Phone no/Alternate Phone no.

07104242623

Mobile no.

8552963777

Registered Email

arbhagatpatil@ycce.edu

Alternate Email

arbhagatpatil@gmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)

<http://www.ycce.edu>**4. Whether Academic Calendar prepared during the year**

Yes

if yes, whether it is uploaded in the institutional website:
Weblink :<http://www.ycce.edu>**5. Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	A	3.25	2016	16-Sep-2016	15-Sep-2021

6. Date of Establishment of IQAC

06-Jan-2016

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Annual Workload (AWL) Plan for Teachers	01-Jun-2018 365	230

Innovative Methods Practicing in Teaching & Learning	01-Jun-2018 365	4000
Dept. Level Audit (DLA) 2018-19 with external evaluator	03-Jul-2018 8	10
Dept. Perspective Plan (DPP) 2018-19 as NBA/NAAC/NIRF	13-Aug-2018 2	10
Campus Recruitment Training (CRT) 2018-19	25-May-2018 22	1259
Project Quality Assurance Initiative (PQAI) 2018-19	02-May-2018 6	10
Faculty Lecture Video Recording: Impartus Scheme	01-Jan-2019 180	1500
Aviva Centre of Excellence in Mech.	05-Apr-2019 90	35
Green Measures: Solar Panels on Building Roofs, Rain water harvesting	18-Apr-2018 90	3
Alumni meet at Royal Albert Palace, New Jersey USA	15-Jun-2019 1	70
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Civil Engineering Department. Dr. S.R. Khandeshwar & Prof. Khalid Ansari	Assistance to Professional bodies Seminar /Symposia Scheme	Science & Engineering Research Board	2018 180	50000
Civil Engineering Department. Dr. S.R. Khandeshwar & Prof. Khalid Ansari	Assistance to Professional bodies & Seminar /Symposia Scheme	Science & Engineering Research Board	2019 180	75000
Civil Engineering Department. Prof. Vaishali Mendhe	Assistance to Professional bodies & Seminar /Symposia Scheme	Science & Engineering Research Board	2019 180	50000

Electrical Engineering Dept. Dr. R.M. Moharil	MODROBS	AICTE	2019 365	1400000
Electrical Engineering Dept. Dr. R.M. Moharil	STTP	AICTE	2019 180	150000
Electronics & Telecomm. Dept. Dr. M.M. Mushrif	MODROBS	AICTE	2019 365	950000
Electronics & Telecomm. Dept. Dr. M.D. Chawhan	Empowerment and Equity Opportunities for Excellence in Science	SERB	2019 1095	4266000
Mechanical Engg. Dept. Dr. S.S. Khedkar	Technology Business Incubator under a scheme of Promotion for Innovation, Rural Industrialization and Entrepreneurship (ASPIRE)	MSME	2018 1095	1499900
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. 3 PG Programs Structure, CAD/CAM IPS are granted NBA Accreditation extension for one year up to 30/06/2019. 2. No. of Faculty Permitted for pursuing Higher

Studies/PhD.19 3. Participation of Faculty in STTP/FDP/Workshops 214 4. Visit of Students to Institute of Eminence/ Research Labs: No. of Students Visited 436 (ISRO, MRSAC, NEERI, RRSSC, CSIR, IITs etc.) 5. Recording of faculty course lectures through Impartus Scheme 22 Courses 6. Student Placement: 668 (Core:106, IT Others: 562, Higher Studies:149, Entrepreneur: 02) 7. National Level UG Project Competition PRATIKRUTI19 on March 23, 2019 at YCCE. About 1000 students from all over India participated. 8. SPANDAN 2019: A National Conference on "Advances in Engineering, Technology and Applied Sciences" during 25-26 March 2019 under the technical sponsorship of IEEE Nagpur subsection, IE (Nagpur) ACM (Nagpur). 9. Proposals Submitted to funding agencies: 54, Amount: 486.98 L, Amount Received: 94.86 L 10. No. of Patents filed:10, No. of Patent Published: 3, No. of Copyrights Received: 107 11. No. of Industry Experts involvement in development activities :128, Co-guides for Projects=95, Resource Person for FDP/ STTP, CDW 69 12. Industry Aligned Courses offered by department CT: 4 (MOS, IGIS,CF, BI A), IT: 2 (Business Intelligence, Introduction to ECommerce) 13. Alumni meet is organized at Royal Albert Palace, New Jersey USA on 15 June 2019. 14. College Magazine INSURGO 2018 received 2nd Prize from RTMNU on its Foundation Day. 15. The Academic Council approved resolution to start new existing Under Graduate programme with honors and with minor as per AICTE Guidelines for Model Curriculum November 2017 16. The Academic Council approved resolution to start new Ph.D. programmes as per University Grants Commission Regulations, 2018.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievements/Outcomes
<ul style="list-style-type: none"> Initiatives to Establish Incubation Center 	<ul style="list-style-type: none"> Technology Business Incubator from Ministry of MSME, Govt. of India under scheme for promotion of innovation, rural industries and entrepreneurship. Received fund of Rs. 14.99 L 09 Incubation ideas are in process. Fabrication Lab is in development stage.
<ul style="list-style-type: none"> Patents and Copyrights Published 	<ul style="list-style-type: none"> No. of Patent Published: 21 No. of Copyrights Received: 107
Institute-Industry Interaction :- <ul style="list-style-type: none"> Industry Experts involvement in development activities 	<ul style="list-style-type: none"> No. of Industry Experts Involved:128 Co-guides for Projects=95 Resource Person for FDP/ STTP, CDW= 69
<ul style="list-style-type: none"> Industry Linkages through Industrial Tours/Visits etc. 	<ul style="list-style-type: none"> No. of Industries: 43 No. of Students Visited= 1882
Quality Assessment Accreditation : Submission of Qualifier to NBA for extension of Accreditation of 3 PG Programmes	<ul style="list-style-type: none"> Submitted and 3 PG Programs Structure, CAD/CAM IPS are granted extension for one year up to 30/06/2019.
Quality Assessment & Accreditation :- Mapping of redefined Mission with PEO and Course Outcomes with PO/PSO	<ul style="list-style-type: none"> Mapping of redefined Mission with PEO & Mapping of redefined Course Outcomes with PO/PSO has been done.
Quality Assessment & Accreditation :- Internal Audit of Autonomy	<ul style="list-style-type: none"> Internal Audit is carried out & report is submitted.

Quality Assessment & Accreditation :- Implementation of Quality initiatives (DLA, CRT, VPS, PQAI, AWL etc.)	<ul style="list-style-type: none"> DLA for 2018-19 is carried out. Compliance reports are submitted. CRT is conducted during summer vacation. Visiting Professor Scheme & Project Quality Assurance Initiative are implemented. AWL-2018-19 Final Audit report is submitted.
Quality Assessment & Accreditation :- Visiting Professor Scheme Implemented by all the Depts.	Dept. Name of Visiting Professor Dates Civil Prof. D. M. Dewaikar 04-06/02/2019 Computer Dr. Annappa, NIT Suratkal 11-13/02/2019 Mechanical Dr. Nalinaksha Vyas, IIT Kanpur 04-06/10/2018, Electrical Dr. Kalyan Chatterjee, IIT Dhanbad 18-19/12/2018, Electronics Dr. Ram Vilas Pachori, IIT Indore 27-29/09/2018, ETC Dr. Subhojit Ghosh, NIT Raipur 07-09/02/2019, IT Dr. Rajeev Srivastava, IIT(BHU), Varanasi 24-26/09/2018
Faculty Development :- Faculty Pursuing Higher Education.	No. of Faculty Permitted for pursuing Higher Studies/Ph.D.=19 No. of Faculty Awarded Ph.D.=10
Participation of Faculty in STTP/FDP/Workshops	No. of Faculty (Attended)= 214
Consultancy by Departments	Consultancy Amt. Received= Rs. 41 Lakhs
<ul style="list-style-type: none"> Industry Aligned Courses offered by department 	<ul style="list-style-type: none"> CT: 4 (MOS, IGIS, CF, BI & A) IT: 2 (Business Intelligence, Introduction to E-Commerce)
<ul style="list-style-type: none"> Centre of Excellence in the Department 	<ul style="list-style-type: none"> ME: 2, AVEVA Centre of Excellence, Siemens CoE
<ul style="list-style-type: none"> Industry Supported labs. 	<ul style="list-style-type: none"> CT: Internet of Things ME: High Pressure Hydraulics Lab with Minar Hydrosystems Pvt. Ltd.
Interaction with Stakeholders :- Management Interaction with students	<ul style="list-style-type: none"> Yes, 18 Jan 2019 ATR is submitted.
<ul style="list-style-type: none"> Alumni involvement in departmental activities & Alumni Meet Organized 	<ul style="list-style-type: none"> No. of Alumni Involved:50 Alumni Meets Organized: 6 Alumni meet is organized at Royal Albert Palace, New Jersey USA on 15 June 2019.
<ul style="list-style-type: none"> Parent Teacher Meets 	<ul style="list-style-type: none"> Organized as per academic calendar.
Extension Activities	<ul style="list-style-type: none"> College Magazine "INSURGO 2018" received 2nd Prize from RTMNU on its Foundation Day. Orphanage Visit, Blood, Book/Cloth Donation Camp Program on Girls Safety Participation of Students in NSS/NCC Events
Initiatives for Eco-Friendly Campus	<ul style="list-style-type: none"> Tree Plantation Installation of Solar Energy panels on the roof of buildings Automation of Academic Processes Save Water & Electricity
<ul style="list-style-type: none"> Proposals Submission to funding agencies 	<ul style="list-style-type: none"> No. of Proposals Submitted: 54 Total Amount: 486.98 L Funds

	Received: 94.86 L
• Visit to Institute of Eminence/ Research Labs	• 436 Students
Faculty Recognition & Achievements	<p>• Dr. U.P. Waghe, Principal, nominated as a Member of UGC Autonomy Committee for extension of autonomous status to: KSR College of Engineering, Tamilnadu & GVR & S College of Engineering & Technology, Guntur, Telangana. • Dr. R.L. Shrivastava, Professor, ME: TEQIP-III Audit of PES College of Engineering, Mandya (Karnataka). • Dr. A.V. Patil, Professor, CE: Filed Patent on "Utilization of Non-Biodegradable Silico Manganese slag waste for Building, roads & civil works, jointly with industry Balaji Electro Smelters, MIDC, LOHARA, YAVATMAL • Patent of Prof. V.R. Doifode, Prof. P.S. Shete & Prof. N.P. Wasnik, of EL published on "Apparatus for Wireless Communication between two or more Computing Devices".</p> <p>• Mr. P.B. Pande Department of CE received Consultancy of Rs.12.72 Lakh through third party inspection in Municipal Council Katol & Wadi. • Mr. Harshal Warade, Department of CE received Consultancy of Rs.13.61 Lakh through third party inspection in Municipal Council Umred, Mouda, Kuhi, Tiroda & Wadsa. • Dr. A.V. Kale is also nominated as Subject Expert in Research Review Committee of Mechanical Engineering Board of Sant Gadgebaba Amravati University, Amravati. • Dr. R. M. Moharil, Professor, Department of EL has been nominated by VC of RTMNU on BoS of Electrical Egng. • Dr. Mrs. S.V. Rathkantiwar, Department of EE received Zero Mile Shiksha Ratna -Rashtriya Award by Zero Mile Foundation, Nagpur. • Dr. Manish D. Chawhan, Department of ETC has been approved a Research Grant of Rs.35.00 Lakh from Department of Science & Technology, SERB for research on "Energy and Communication Efficient Protocol of Mobile Ad-hoc Network using Cross Layer Approach". • Dr. Prashant Kamble, of ME worked as a Reviewer for "World Journal of Engg of Emerald Publication". • Prof. Meenal Kale, Asst. Professor, of Mathematics & Humanities has anchored session in 17th Indian Science Fiction Conference, 15-16 December 2018 at IIT (BHU). • Dr. Snehal Gawande, Asst. Professor, of EL</p>

	<p>is nominated by IEEE as an Associate Editor of IEEE Access SCI Journal. • Dr. Snehal Gawande has Presented and Published 06 papers in IEEE conference in Electrical Engineering (PEDES 2018) at IIT Madras, Session Chair in IEEE PEDES 2018 at IIT Madras. • Dr. Ms. Yogita Chitriv, of ETC received Gold Medal in NPTEL Online Certification Course on Digital Image Processing.</p>
<p>Student Development :- • Organization of various Student development activities under Professional Societies</p>	<p>• No. of Event Organized=94</p>
<p>Guidance for Competitive Examinations</p>	<p>• No. of Expert Lectures=31 through GATE Clubs</p>
<p>Student Achievements</p>	<p>? Atharva Dhanagare from 3rd sem. EE secured 3rd position in Line follower zonal competition held by IIT Bombay at Zonal Center, Oriental Institute of Science and Technology, Bhopal. ? Mrunmayi Saoji, V sem. student of CT, had finished second best in Women's Doubles, Yonex Sunrise V.V. Natu Memorial All India Senior Ranking Badminton Tournament held at Pune on 16 Sept. 2018. ? YCCE Team secured 1st Place in Inter Collegiate Basket Ball (Boys) Championship organised by Dhanwate National College, Nagpur under Krida Mahotsav for session 2018-19. ? Ku. Mugdha Deshmukh, student of CE Department participated in All India Inter University Women Fencing Championship held at Punjab University, Patiala on 17-19 Feb. 2018. ? YCCE Team secured 1st Place in Inter Collegiate Chess (Boys) Championship organised by Dhanwate National College, Nagpur under Krida Mahotsav for session 2018-19. ? YCCE Team secured 2nd Place in Inter Collegiate Table Tennis (Boys) Championship organised by RTM Nagpur University on 24 to 26 Sept., 2018. ? Students of ME (Team Hawks 5.0) participated in ECOKART series season 5 At Gautam Buddha University, Greater Noida. They got All India Rank-02, also got Best Driver Certificate. ? Ms. Shivangi Deshpande 6th Sem. student of EE received 1st Prize (worth Rs.1.5 Lakh) in an 'International Robotics Challenge' organized by IIT, Bombay on 14-16 December, 2018. ? Ms. Ulka Khobragade, Ms. Mrunal Shinde & Sanjyot Kawale students of ET received 1st Prize (worth Rs.1.5 Lakh) in an 'International Robotics Challenge'</p>

	<p>organized by IIT, Bombay on 14-16 December, 2018. ? Mr. Sanket Dhote & Mr. Abhijit Bhadbhade, 6th Sem. student of EE received 1st Prize in 'MESHMERIZE' organized by IIT, Bombay on 14-16 December, 2018. ? Students of Dept. of EE, Mr. Ayush Kurode, Ms. Shivani Dhoble, Vinay Potdukhe and Surabhi Thakre participated in IEEE-WIE International Humanitarian Project Competition at Bangladesh University of Engineering and Technology (BUET), Dhaka received honorary mention with consolation prize of 5000 BDT for their project "Suraksha - A Women's Safety Device". ? Mr. Saurabh Sarkar, 8th Sem. student of ME published paper in PAN IIT International Conf. at IIT Roorkey titled "An empirical Study of impact of green marketing on brand Image and Value" ? Mr. Rohit Kuklarni, Mr. Lavish Rathour, Mr. Adwait Deshpande & Mr. Kartik Raut, 6th Sem. student of ET received 1st Position (Bhopal Zone) in 'MESHMERIZE' organized by IIT, Bombay. ? Ms. Ashlesha Purandhare, Ms. Disha Kakad & Ms. Sayali Nemade, 6th Sem student of ET received 2nd Position (Bhopal Zone) in 'MESHMERIZE' organized by IIT, Bombay. ? Mr. Rahul Tule, Ms. Namrata Gondane & Ms. Smruti Khobragade, 6th Sem. student of ET received 3rd position (Bhopal Zone) in 'MESHMERIZE' organized by IIT, Bombay. ? Ms. Snehal Varbhe & Mr. Chinmay Kothe 6th Sem. student of ET received 1st Position (Bangalore Zone) in 'MESHMERIZE' organized by IIT, Bombay. ? Mr. Pratik Rambhad & Mr. Viraj Deshmukh, 6th Sem. s</p>
R & D Activities :-	<ul style="list-style-type: none"> • Ph.D. Research Centre • Thesis Submitted=57, YCCE Faculty=16 • Registered Scholars =47, YCCE Faculty=21
• Renewal of approved Research centres	<ul style="list-style-type: none"> • CE, EL and EE Research centres are approved for 5 Years
• Thrust Areas Specific Activities: Publications, STTPS/FDP/Training etc.	<ul style="list-style-type: none"> • No. of Publications: 229 (UGC Approved Journals & Reputed Conferences) • Book Chapter: 07 • Book: 01 • Joint Publications: 82 • No. of FDP Organized: 10
• Visit of Students to Institute of Eminence/ Research Labs	<ul style="list-style-type: none"> • Name of Institutes: ISRO, MRSAC, NEERI, RRSSC, CSIR, IITs etc. • No. of Students Visited= 436
• Student Joint Projects	<ul style="list-style-type: none"> • No. of Projects: 102
• e-Question Bank	<ul style="list-style-type: none"> • E-Question Banks with Solution Sets= 41 Courses

• No. of MOOC Courses offered by Department	• No. of offered Courses=03 Tribology (ME), Distributed Systems (IT), Computing in Python (CT)
• Recording of faculty course lectures through Impartus Scheme	• 22 Courses Video Recording
• Student Placement & Carrier Guidance	• Campus Placement: 668 (Core:106,IT & Others:562 • Higher Studies:149 • Entrepreneur: 02 • No. of Carrier Guidance programs organized =10
No. of Core Companies visited	24
No. of IT Companies visited	61
No. of students placed in Core sector	106
No. of students placed in IT sector	549
Students eligible for award of degree 2018-19	UG (B.E.) : 1021, PG (MTECH): 66
National Level UG Project Competition	PRATIKRUTI-19 - National UG Project Competition was organized by the Department of ME, on March 23, 2019 at YCCE. 1000 students from all over India participated.
National Conference	SPANDAN 2019: National Conference on "Advances in Engineering, Technology and Applied Sciences" during 25-26 March 2019 under the technical sponsorship of IEEE Nagpur subsection, IE (Nagpur) & ACM (Nagpur).
Major Quality Decisions taken by Statutory Bodies	• A student's evaluation for theory courses through Teachers Assessment (TA), three mid semester exams. (MSE) and one End Semester Exam. (ESE) is approved by AC. • The Academic Council approved resolution to start Under Graduate programme with Honors and with Minor as per AICTE Guidelines for Model Curriculum November 2017 • The Academic Council approved resolution to start new Ph.D. programmes as per University Grants Commission Regulations, 2018.
Innovative Methods Practiced in Teaching & Learning	• Code Relay • Peer-Teaching • Use of story board • What's app group • Tool Demonstration • Group Seminar • Field Training on layout & Construction activities • Live Demonstration and Simulations • Chart Making on Concepts • Online quizzes using google form • Presentation by Students on Topics • Circuits on bread boards • On-line Tests • Role Play • Cross Word Puzzle • Network Models, • Assignment on Designing a small animation sequence • Chart Making Competition • Help Desk • Videos Lectures

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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1"> <tr> <td>Name of Statutory Body</td> <td>Meeting Date</td> </tr> <tr> <td>Academic Council</td> <td>24-Aug-2019</td> </tr> </table>		Name of Statutory Body	Meeting Date	Academic Council	24-Aug-2019
Name of Statutory Body	Meeting Date				
Academic Council	24-Aug-2019				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2019				
Date of Submission	26-Feb-2019				
17. Does the Institution have Management Information System ?	Yes				
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	The state of the art Management Information System (MIS) is installed in the college and is being commissioned progressively. MIS is an important tool that caters the requirements of different independent administrative as well as academic processes within the college, creation, storage, and retrieval of data related to the students enrolled in the college and entire examination system. Thus, MIS facilitates enrichment of the existing knowledge management system further. Different Modules available under MIS are Administration, Academic, Examination, Admission, Payroll, Establishment, Event Management, Fees Collection, Scholarship etc.				

Part B

CRITERION I – CURRICULAR ASPECTS

17.1– Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BE	All programmes (New Scheme for all programmes from A.Y. 2018-19)	First Year BE	25/08/2018
BE	CV1452	PE- 4 Advanced	25/08/2018

		Surveying	
BE	EL1431	PE III Advanced Control System	25/08/2018
BE	EL1431	PE III Advanced Control System	25/08/2018
BE	EL1433	Renewable Energy Sources	25/08/2018
BE	EL1436	PE 4 Fundamentals of Smart Grid	25/08/2018
BE	EL1302	Power Electronics	25/08/2018
BE	EL1311	PE 1 Advanced Power Electronics	25/08/2018
BE	EE1330	OE-II Biomedical Instrumentation	25/08/2018
BE	EE1416	PE 5 Biomedical Instrumentation & Its Applications	25/08/2018
BE	CT1437	PE 3 Parallel Computing	25/08/2018
BE	CT1443	PE 4 Internet of Things	25/08/2018
BE	CT1454	PE 3 Machine Learning Techniques	25/08/2018
BE	IT1307	Computer Graphics	25/08/2018
BE	IT1330	Business Intelligence	25/08/2018
BE	CV1428	PE IV Earthquake Engineering	02/03/2019
BE	CT1345	Software Engineering	02/03/2019
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BE	Civil Engineering	20/06/2018	CV1406 Industrial Training/ CRT IT1121 - Industrial Programming Language	20/06/2018
BE	Mechanical Engineering	20/06/2018	ME1434 Industrial Training/ CRT IT1121 - Industrial Programming Language	20/06/2018

BE	Electrical Engineering	20/06/2018	EL1406 Industrial Training/ CRT IT1121 - Industrial Programming Language	20/06/2018
BE	Electronics Engineering	20/06/2018	EE1413 Industrial Training/ CRT IT1121 - Industrial Programming Language	20/06/2018
BE	Electronics and Telecommunication Engineering	20/06/2018	ET1413 Industrial Training/ CRT IT1121 - Industrial Programming Language	20/06/2018

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17.2 – Academic Flexibility

17.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	NIL	02/07/2018
Mtech	NIL	02/07/2018

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17.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Civil Engineering	02/07/2018
BE	Computer Technology	02/07/2018
BE	Electrical Engineering	02/07/2018
BE	Electronics and Telecommunication Engineering	02/07/2018
BE	Electronics Engineering	02/07/2018
BE	Information Technology	02/07/2018
BE	Mechanical Engineering	02/07/2018
Mtech	CAD-CAM	02/07/2018
Mtech	Communication Engineering	02/07/2018
Mtech	Computer Science and Engineering	02/07/2018
Mtech	Electronics Engineering	02/07/2018
Mtech	Environmental Engineering	02/07/2018

Mtech	Integrated Power Systems	02/07/2018
Mtech	Structural Engineering	02/07/2018

17.3 – Curriculum Enrichment

17.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Remedial Grammar	18/06/2018	187
Industrial Programming Language (IPL)	01/01/2019	190
Campus Recruitment Training (CRT)	25/05/2018	404
Computing with Python	03/12/2018	40
Image processing and Computer Vision Application	24/06/2019	33
Advanced Get Set Go	20/06/2018	1180
Environmental Science	20/06/2018	1180
Functional English	20/06/2018	1033
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17.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Total productive maintenance, energy conservation and energy management system	10
BE	T-Spider Cleaner	4
BE	High Speed and Energy Efficient Full Adder Design	4
BE	Supercapacitor Based Metro Train	4
BE	Multifunctional Autonomous Farming bot	4
BE	Quadcopter- A Smarter Way of Pesticide Spraying	5
BE	Efficient Architecture for 3D Wavelet Transform	4
BE	Summer Industrial Internship	54
BE	Industrial Robotic Arm	4
BE	PLC based bottle filling and capping System	4
BE	Advance Inventory Management System	4
BE	Fruit Quality Management	5

	System	
BE	Prepaid Energy Meter	4
BE	Object Based Classification using image processing technique	4
BE	Sign Language to speech Translator	5
BE	Detection of Valve Swapping	4
BE	Automated Instrumentation Panel	4
BE	High speed Rotating loaded Temperature control	4
BE	Microcontroller Based flame Scanner Circuit	4
BE	Solar Energy generation and monitoring system	4
BE	Multidimensional Data Analysis to support decision making-Infocepts	3
BE	Energy Conservation using variable frequency drive	6
BE	Energy Conservation by automatic switching of Charging station	6
BE	To study manufacturing of electrical control panel	1
BE	Optimization of Power consumption in rolling mills and standardization of instruments as per performance and application	5
BE	Analysis for replacing existing steam dryer with energy efficient electric dryer and to draw SLD of CCL-1 and CCL-2	4
BE	Total productive maintenance, energy conservation and energy management system	9
BE	Study of substation PGCIL 400KV Substation Durgapur (W.B)	1
BE	Upgradation of Monorail Carrier Controller	2
BE	To study manufacturing of	1

	electrical control panel	
BE	Optimization of Power consumption in rolling mills and standardization of instruments as per performance and application	5
BE	Analysis for replacing existing steam dryer with energy efficient electric dryer and to draw SLD of CCL-1 and CCL-2	4
BE	Study of substation PGCIL 400KV Substation Durgapur (W.B)	1
BE	Upgradation of Monorail Carrier Controller	1
BE	Child Vaccination Platform-Persistent	8
BE	Two way web conferencing in low bandwidth using angular-s2pedutech	4
BE	College search portal-s2pedutech	4
BE	Weather Station and Pollution Monitoring using IOT and its analysis using GIS and Data Analysis-6simplex	5
BE	Real Time Industrial Asset Monitoring-Vsquare system	4
BE	Visual positioning based on real time mapping and guidance system-ANVinfotech	3
BE	Online Enquiry Management System-It-networkz	2
BE	Consumer Water Distribution and control system-ANVinfotech	3
BE	Product Analysis of Social networking engine-Neeti -i	4
BE	OfficeBox Support System-bizsense software Solution	4
BE	Java Advanced Level Program-Callisto IT Solutions	2
BE	HTML & CSS Framework-S2P	2

	Edutech Pvt. Ltd.	
BE	Cyber- crime Analyst- FORnSEC Solution	2
BE	Java based programming and Testing - VNTechnosoft	1
BE	Designing, Development, building web applications and modules- Vigo Technoworld Pvt. Ltd.	1
BE	Internship in Industry	20
BE	False Sheet Analysis Tool and Resource Allocation Database System.	2
BE	Auto Lane Change.	4
BE	Adaptive Cruise Control.	2
BE	AutomaticVehicle Control System.	3
BE	Power Window System.	2
BE	OIDC/OAuth 2.0 Identity Server Management System.	2
BE	Game Development.	2
BE	E-Commerce Website Design Development And Marketing Analysis.	4
BE	Internship Management System.	5
BE	HealthCare And Fitness App: MEDORG(HINDI) .	2
BE	PAN HEALTH: Schedule Reminder.	1
BE	Block Chain Voting.	1
BE	QtPi LMS & Swappaholic E-Mailers.	1
BE	Dynamic Data Collector	3
BE	Examination Form Portal.	2
BE	Vehicle Security System.	5
BE	(ADAS) V2 V Communication.	3
BE	Claim Processing for Auto Insurance.	1
BE	Call Center Analysis.	1
BE	Git Hub Prediction.	1
BE	Data Generator Utility.	1
BE	Car Insurance Portal.	2
BE	Healthcare Machine	3

	Learning and Deep Learning Showcase.	
BE	DocTrack:Online Appointment For Hospitals/Doctors.	5
BE	Recruitment Management System.	4
BE	Universal Typing Master.	3
BE	Blood Donation System.	4
BE	Ambulance Management System.	4
BE	Neural Machine Translation.	2
BE	First Responder Tool For Windows OS.	1
BE	To Prepare a DPR on PMGSY/MMGSY Project	3
BE	Self-Healing Concrete Leverages to Heal Crack	4
BE	A Solution to Water Pollution-Ecological and Efficient Sewage Treatment Plant with Advanced Technologies	1
BE	DPR On Maharashtra Samruddhi Mahamarg	4
BE	Hydraulic and Structural Design of Large Diameter Dumping Main, Pipe Supports, Anchor and Thrust Blocks	4
BE	Structural Health Monitoring on RCC Structures	7
BE	Optimization Of Cutting Parameters Of Conventional Vtl Machines To Improve Productivity Using Taguchis Methodology.	1
BE	Design And Fabrication Of Fixture For Quality Inspection.	1
BE	Study Of Boiler And Other Supporting Plants In Jsw Steel Coated Products Limited	3
BE	Heat Recovery Through Exhaust Flue Gases Of Non-Ox Furnace	3

BE	Modification In Design Of Gear Pump	3
BE	To Study The Failures Caused In Centrifugal Pump By Bearings.	1
BE	Job Sequencing For Shop Floor Machines Cycle Time Calculation And Reduction	1
BE	Inspection Of Frequent Wear Of Go Guage Due To More Hardness Of Material	1
BE	Compensation Of Springback In Aluminum Sheet Part During Hydroforming.Wrinkles In Aluminum Part.	1
BE	Tool Life Management System	1
BE	To Find Out The Reason Of Cracks And Bow In The Machined Products	1
BE	Analysis Of Workstations Using Standard Work Combination Chart	2
BE	Modification In Jig Design To Increase Jig Density.	1
BE	Humanoid Eye Camera Mechanism For Space Application.	1
View File		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>The Institution has policy to provide for excellence through continual improvement in teaching learning, training and research. For continuous improvement, it is utmost important to get feedback from all stake holders. Also analyze the feedback and take action on the valid suggestions so that the institute can improve and provide quality education to the students. The institute has framed processes to conduct feedback mechanism to ensure that the actions are taken for the improvements. The institution takes feedback from</p>

students, who are the major stake holders, twice in the semester. The schedule of in semester and end semester feedback. These feedbacks are conducted online. The analysis is done through software (MIS). The analysis is forwarded to departments for further actions. The faculty member whose teaching learning is not satisfactory is called for counseling meeting and is asked to improve teaching learning. Head of the department also takes one oral feedback at the start of the semester term, by addressing each class to understand any issue related to TLP, infrastructure etc. The management also conducts Interaction meeting with the students once in year to understand overall satisfaction level of the students. Through these meeting, issues related to infrastructure, maintenance, etc. are also discussed. Along with general impression of student regarding teaching learning Process, administration, library, Training and placement, Library etc are also discussed. The minutes are documented. Action taken report is prepared and actions are taken in stipulated time. The ATR is published on notice board. At the end of the programme comprehensive feedback (exit feedback) is conducted. In this feedback overall impression of the student about the programme, department and institution as whole is also received. This indicates student's satisfaction level. This survey helps us to decide on future development and improvement in various processes. The analysis of this survey is published on college website also. Students identity is confidential in all online feedback surveys.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Civil Engineering	180	1053	184
BE	Computer Technology	120	1053	123
BE	Electrical Engineering	180	1053	182
BE	Electronics Engineering	120	1053	171
BE	Electronics and Telecommunication Engineering	180	1053	123
BE	Information Technology	60	1053	62
BE	Mechanical Engineering	180	1052	188
Mtech	CAD-CAM	18	9	4
Mtech	Communication Engineering	18	6	4
Mtech	Computer Science and Engineering	18	7	4
Mtech	Electronics Engineering	18	3	1
Mtech	Environmental Engineering	18	19	10

Mtech	Integrated Power Systems	18	13	7
View File				

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	4575	118	211	30	241

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
241	196	15	53	4	12

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The faculty advisor scheme is in place to provide advice to students on any matter including his personal issues. In addition, academically Weak Students will be identified during each semester starting from the first semester. The students will be identified based on their performance in the first Assessment Test/ Examination (MSEI) All the Student securing less than 40 marks in the above Examination will be considered as Academically Weak Students. Allocation of Mentors : The mentoring of these students will be done together by HoD and the respective class/subject teacher. Mentoring of Academically Weak Students : The purpose of the mentoring program is to provide guidance to the Academically Weak students, so as to improve their Academic performance in the further assessment examinations. The mentors needs to understand the exact difficult/challenge being faced by the Students leading to their poor performance in the Academics. The Mentors needs to identify the exact portion of the syllabus not being understood by the students properly in the respective subjects in which they have scored less than 40 marks. If the need arises the help of the Psychological Counsellor is taken for understanding the exact issues and evolving solutions Expert lectures by the Experts from outside the Institution may be arranged on the topics identified in the Mentoring session. The help of the senior Faculty of the institute may be sought.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4575	241	19

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
2018	241	225	16	79

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level,	Designation	Name of the award, fellowship, received from Government or recognized
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	international level		bodies
2018	Prof. R G Bodkhe	Assistant Professor	Best Mentor, National Electric Kart Championship (NEKC2019) organized by Credible Future India Pvt Ltd. and Cripechnic Adventure Sports at Rajiv Gandhi State Technological University (RGTU),
2018	Dr. Prachi Palsodkar	Assistant Professor	Travel grant from HAC, IEEE, USA
2018	Dr. Prasanna Palsodkar	Assistant Professor	Travel grant from HAC, IEEE, USA
2018	Dr. Yogita Chitriv (Dubey)	Assistant Professor	IEEE Senior Membership
2018	Dr. Yogita Chitriv (Dubey)	Assistant Professor	Certificate of Excellence from IEEE WIE Leadership Summit held at Dhaka
2018	Prof. A. A. Madankar	Assistant Professor	Best Paper award in IEEE international conference at Coimbatore
2019	Prof. M. S. Patil	Assistant Professor	Best Paper award in IEEE international conference at Coimbatore

[View File](#)

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	NIL	I/I	19/12/2018	05/01/2019
BE	NIL	II/I	13/05/2019	03/06/2019
BE	NIL	III/II	17/11/2018	01/12/2018
BE	NIL	IV/II	03/05/2019	21/05/2019
BE	NIL	V/III	17/11/2018	10/12/2018
BE	NIL	VI/III	03/05/2019	22/05/2019
BE	NIL	VII/IV	17/11/2018	15/12/2018
BE	NIL	VIII/IV	17/11/2018	15/12/2018

Mtech	NIL	I/I	17/12/2018	03/01/2019
Mtech	NIL	II/I	03/11/2018	27/11/2018
Mtech	NIL	III/II	03/11/2018	27/11/2018
Mtech	NIL	IV/II	03/05/2019	28/05/2019
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
418	13324	6.22

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://www.ycce.edu

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
	BE	BE CIVIL	203	198	97.54
	BE	BE MECH	193	181	93.78
	BE	BE ELECTRICAL	201	193	96.02
	BE	BE ELECTRONICS	139	130	93.53
	BE	BE COMPUTER	153	148	96.73
	BE	BE ETC	217	204	94.01
	BE	BE IT	75	75	100
	Mtech	MTECH CAD/CAM	3	3	100
	Mtech	MTECH COMM ENGG	3	2	66.7
	Mtech	MTECH CSE	10	10	100
	Mtech	MTECH EE	6	6	100
	Mtech	MTECH ENV ENGG	8	8	100
	Mtech	MTECH IPS	8	8	100
	Mtech	MTECH PROD ENGG	3	3	100
	Mtech	MTECH STRUC ENGG	20	20	100
	Mtech	MTECH VLSI	6	6	100

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

[https://www.ycce.edu/pdf/Student%20Satisfaction%20Survey%20\(SSS\).pdf](https://www.ycce.edu/pdf/Student%20Satisfaction%20Survey%20(SSS).pdf)

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

No

No file uploaded.

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	NIL	NIL	01/07/2019	NIL
International	NIL	NIL	01/07/2019	NIL

[View File](#)

3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	730	SERB, AICTE	81.16	63.8
Minor Projects	180	DSTSERB	3.25	2.25

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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

2

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Seminar on PLM at Rolls Royce, Netherland by Mr. Angad Sorate from Rolls Royce, Netherland	Mechanical Engineering	15/07/2018
Seminar on Industrial Hydraulics by Mr. Ramesh Vishwkarma from Minar Hydro Systems, Nagpur	Mechanical Engineering	03/09/2018
Awareness seminar on "Innovation based IPR and Incubation"	Mechanical Engineering	11/08/2019
Awareness seminar on "Innovation based IPR and Incubation"	Computer Technology	13/08/2019

Awareness seminar on "Innovation based IPR and Incubation	Electrical Engineering	21/08/2019
Awareness seminar on "Innovation based IPR and Incubation	Civil Engineering	22/08/2019
Awareness seminar on "Innovation based IPR and Incubation	Electronics and Telecommunication Engineering	23/08/2019
Awareness seminar on "Innovation based IPR and Incubation	Information Technology	25/08/2019
Awareness seminar on "Innovation based IPR and Incubation	Electronics Engineering	30/08/2019
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Flight Control System for multirotor UAV	Mr. Himanshu Kosekar Mr. Palash Bhusari Ms. Swati Patle Ms. Dhanashree Bahatkar	Tata Consultancy Services	15/05/2018	Best Innovative Project
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
Technology Business Incubator	YCCE TBI Foundation	Ministry of Micro, Small Medium Enterprises, Govt. of India	Hisan Labs Pvt. Ltd.	Student startup	11/07/2019
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Civil Engineering	4
Electronics Engineering	8
Mathematics	1
Mechanical Engineering	3

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Electrical	16	1.34

	Engineering		
International	Electronics Engineering	10	2.3
International	Electronics and Telecommunication	4	0.3
International	Mechanical Engineering	6	2.74
International	Computer Technology	10	0
International	Information Technology	13	3.32
International	Civil Engineering	20	6.28
International	Applied Mathematics Humanities	2	6.3
International	Physics	3	0
International	Chemistry	1	3.06
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Electrical Engineering	11
Electronics Engineering	7
Electronics and Telecommunication	10
Mechanical Engineering	30
Computer Technology	13
Information Technology	2
Civil Engineering	63
Applied Mathematics Humanities	12
Physics	1
Chemistry	4
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Channel Selection Filter For Receivers In Wireless Communication	Published	2018210029	24/01/2018
Device for providing load compensation and Harmonic mitigation in an alternating current Power	Published	2018210030	25/01/2018
A variable speed	Published	2018210034	30/01/2018

wind energy conversion system With common synchronization unit			
System and method for controlling Vehicles at traffic signs	Published	2018210037	30/01/2018
Apparatus and method for identifying gender of a Silkworm pupa	Published	2018210039	01/02/2018
Apparatus and method for producing readymix Compost	Published	2018210039	01/02/2018
Threshing apparatus for Threshing of soft seed crops	Published	2018210040	02/02/2018
Apparatus For Wireless Communication Between Two Or More Computing Devices	Published	2018210156	25/04/2018
Apparatus to determine bearing Capacity of soil	Published	2018210155	24/04/2018
Soil Compaction Apparatus	Published	2018210155	24/04/2018
Photovoltaic Panel Characteristics Emulating Device	Published	2019210073	25/02/2019
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Antibacterial activity of synthetic pyrido[2,3-d]pyrimidines armed with nitrile groups:	Mrs. R.S. Selokar	New journal of Chemistry RSC (Royal Society of Chemistry) publication: New J. Chem.2018	2018	0	Yeshwantrao Chavan College of Engineering, Nagpur, India	0

and identification of pharmacophore sites of nitriles as		Factor 3.069				
Modified Instantaneous symmetrical Component Algorithm Based Control for Operating Electric Spring in Active Power	S. P. Gawande, R. N. Nagpure, M. A. Waghmare	IET Power Electronics	2018	0	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
Power Loss Optimization Using Distributed System Reconfiguration	B. Y. Bagde, B. S. Umre	Journal of Engineering and Applied Sciences Vol. 13, No. 1, pp. 23392345, 2018	2018	0	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
Grid Connected Quasi ZSource Inverter With Battery	S. G. Kadwane, S. P. Gawande, Umesh shinde, Sagar Kottagattu	Turkish Journal of Electrical Engineering Computer Sciences, Vol26 (4), 18471859	2018	2	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
Performance Evaluation of DSSC as Distributed Power Flow Controller in Transmission Network	M. M. Renge, S. R. Gaigowal	International Journal of Engineering and Technology, Vol. 7, No. 4, pp. 586591	2018	0	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
Mathematical morphology	Shilpa Joshi,	European Journal of Ophthalmol	2019	0	Yeshwantrao Chavan College of	0

for micro neurysm detection in fundus images		ogy			Engineerin g, Nagpur, India	
Side channel attack resistant architecture for elliptic curve cryptosystem.	Dr.P.P. Zode,	Cyber Physical Systems International Journal Center VLSI Nanot	2018	0	Yeshwantra o Chavan College of Engineering, Nagpur, India	0
Design and Implementation of Low Power Multiplier Using Proposed Two Phase Clocked Adiabatic Static CMOS	Mrs.Minal Keote,	Internati o nal Journal of Electrical and Computer Engineering	2018	0	Yeshwantra o Chavan College of Engineering, Nagpur, India	0
Intelligence n t Model for Improving the Capacity of Wireless Adhoc Network	Suresh Kur umbanshi,	Internati o nal Journal	2018	0	Yeshwantra o Chavan College of Engineering, Nagpur, India	0
Design and Synthesis of Restoring Technique Based Dual Mode Floating Point Divider for Fast Computing Applicati	Shaikh Salman Faraz,	Internati o nal Journal of Engineeri ng Technolo gy,	2018	0	Yeshwantra o Chavan College of Engineering, Nagpur, India	0
LDPC decoders Error performance	Sandeep Kakde	Internati o nal journal of Pure	2018	0	Yeshwantra o Chavan College of Engineerin	0

over AWGN channel using MIN SUM Algorithm		Applied mathematics			g, Nagpur, India	
Performance Evaluation of Routing protocol under blackhole attack in MANET suggested security enhancement Mechanisms	Swapnil bhalsagar,	International journal of Innovative technology and exploring engineering	2018	0	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
Enhancing Quality of Teaching Learning through Knowledge Research and Experi	Dr. S.V.Rat hkanthiwar	Journal of Engineering Education Transform a tions	2018	0	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
Design of Lookup Table using Quaternary Logic in Voltage Mode Standard CMOS	Mrs.Y.A.Ga idhani,	Helix International Journal 2018	2018	0	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
Design of Carry Skip Adder using Concatenation and	Mrs.M.N.Ka lbande,	Helix International Journal 2018	2018	0	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
Brain Tumor Detection and Segmentation using Multiscal	Y. K. Dubey, M. Mushrif, Kajal Mitra	Biomedical Engineering: Applications, Basis and Communicati ons	2018	0	Yeshwantrao Chavan College of Engineering, Nagpur, India	0

stic Fuzzy Roughness in MR Images		World Scientific, vol. 31, No. 3,				
Performance evaluation of routing protocol under black hole attack in manet and suggested security	M. D. Chawhan Y. A. Suryaanshi, V. K. Taksande	International Journal of Innovative Technology and Exploring Engineering, vol.8, No 5,	2019	0	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
Design and Implementation of Low Power Multiplier Using Proposed Two Phase Clocked Adiabatic Static CMOS	M. L. Keote and P. T. Karule	International Journal of Electrical and Computer Engineering (IJECE), vol. 8, No. 6, pp.	2018	0	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
An Empirical Proposition to Load Balancing Effectuate on AWS Hybrid Cloud	N.M. Nimbarte	International Journal of Scientific Research in Computer Science and Engineering,	2018	0	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
Experimental Investigation of Passive direct ethanol fuel cell	R. B. Chadge	IONICS, Springer International Journal	2018	2.28	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
Green manufacturing drivers and their relations	R.L. Shrivastava	Journal of Cleaner Production	2018	6.39	Yeshwantrao Chavan College of Engineering, Nagpur, India	7

small and medium (SME) and large Industries						
Quality factors and performance in citrus	R.L. Shrivastava	Int. J. Productivity and Quality Management	2018	0	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
Performance Analysis and Optimization of Fresnel Lens Concentrated	Dr. R.L. Shrivastava, Dr. S.P. Untawale	Journal of Solar Energy Engineering, ASME	2018	1.19	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
Open Architecture Control for CNC System - An	Mankar, A.M., Shrivastava, R.L., Giri, J.P	International Journal of Engineering and Tech	2018	1.09	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
Topology Network for Best Fit Validation Performance of Sea Sand in Erosion Process for	Pawar, N.S., Lakhe, R.R., Shrivastava, R.L.	Materials Today: Proceedings	2018	2.74	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
LDPC Decoder's Error Performance over AWGN Channel using MinSum Algorithm	Apeksha Yadav Sandeep Kakde Atish Khobragade Dinesh Bhojar Shailesh Kamble	International Journal Of Pure And Applied Mathematics	2018	2	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
A Review on Moving Object Detection and	Rupali Bhatwar, Shailesh D Kamble, Nishlesingh	International Journal Of Pure And	2018	0	Yeshwantrao Chavan College of Engineering, Nagpur,	0

Tracking Methods in Video	V Thakur, Sandeep Kakde	thematics			India	
Fractal coding based video compression using weighted finite	Kamble S.D., Thakur N.V., Bajaj P.R.	International Journal Of Ambient Computing And Intelligence	2018	0	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
An improved multiclass support vector machine classifier using reduced hyperplane with skewed binary tree	Pranjal S. Bogawar, Kishor K. Bhoya	Applied Intelligence (Springer US, Print ISSN 0924669X, Online ISSN 15737497), 20 June 2018	2018	0	Yeshwantrao Chavan College of Engineering, Nagpur, India	1
Optimized Energy Efficient Hybrid Routing Protocol (EEHRP) for Minimum Battery Power Consumption	Sushma Ghode, Kishor Bhoyar	International Journal of Intelligent Engineering and Systems, Volume 11, Issue 5, pp 5973	2018	0	Yeshwantrao Chavan College of Engineering, Nagpur, India	2
A Novel Hybrid Approach to Visual Concept Detection Using Image Annotation.	Sanjay M. Patil and Kishor Bhoyar	International Journal of Image Processing (IJIP), Volume (13): Issue (1): FEB 2019.	2019	0	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
Improving QoS in Energy Efficient Hybrid Routing Protocol	Ms. Sushma D. Ghode, Dr. K.K. Bhoyar	International Journal of Engineering Applied Sciences	2018	0	Yeshwantrao Chavan College of Engineering, Nagpur, India	0

for MANET		Technology (IJEAST) , Vol. 3, Issue 8, ISSN No. 24552143, Pages 7073, Dec 2018				
Compressive strength of mortars containing fly ash	B.P. Nandurkar, Dr. A.M. Pande	International Journal of Civil Engineering and	2018	2	Yeshwantrao Chavan College of Engineering, Nagpur, India	4
Critical studies on bond strengths of masonry units	B.P. Nandurkar, Dr. A.M. Pande	International Journal of Civil Engineering and	2018	2	Yeshwantrao Chavan College of Engineering, Nagpur, India	4
Prediction Flexural Strength of SEFC from Concrete Strength without	Dr. A.M. Pande	IOP Conference Series : Materials Science and Engineering	2018	2	Yeshwantrao Chavan College of Engineering, Nagpur, India	4
Quadruple fixed point theorem for partially ordered Metric space with applications to integral	Manjusha Prashant Gandhi	Mathematics and Computing, Springer Nature	2018	0	Yeshwantrao Chavan College of Engineering, Nagpur, India	0
Fixed Point result satisfying new contractive condition in complete Gmetric	Manjusha Prashant Gandhi	AIP Conference Proceeding	2019	1	Yeshwantrao Chavan College of Engineering, Nagpur, India	1

Review Article on Properties , Growth Application s of Silicon Semiconductor"	Jayant.R.G hulghule	International Journal of current Engineering and Scientific Research (IJCESR) ISSN (PRINT) : 23938374, (ONLINE) : 23940697,	2019	0	Yeshwantra o Chavan College of Engineering, Nagpur, India	0
Influence of synthesis method on dielectric properties of ceramics of ternary	Dr. S.A. Band	(International Journal) Ferroelectrics, Vol.5 36, Issue: 01 (2018) P.113121	2019	0	Yeshwantra o Chavan College of Engineering, Nagpur, India	0
Synthesis, Characterization and Magnetic Susceptibility of Pyrrole Aniline Copolymer	Dr.H.V.Ganvir	An International Multidisciplinary Quarterly Research Journal AJANTA (Peer Reviewed Refereed and UGC Listed Journal, Journal No. 40776) ISSN22775 7 30 Vol.	2019	0	Yeshwantra o Chavan College of Engineering, Nagpur, India	0
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Modified I	S. P.	IET Power	2018	0	0	Yeshwantra

Instantaneous Symmetrical Component Algorithm Based Control for Operating Electric Spring in Active Power Filter	Gawande, R. N. Nagpure, M.A. Waghmare	Electronics				Dr. D. D. Chavan College of Engineering, Nagpur, India
Power Loss Optimization Using Distributed System Reconfiguration	B. Y. Bagde, B. S. Umre	Journal of Engineering and Applied Sciences Vol. 13, No. 1, pp. 23392345, 2018	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
Grid Connected Quasi ZSource Inverter With Battery	S. G. Kadwane, S. P. Gawande, Umesh shinde, Sagar Kottagattu	Turkish Journal of Electrical Engineering Computer Sciences, Vol26 (4), 18471859	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
Performance Evaluation of DSSC as Distributed Power Flow Controller in Transmission Network	M. M. Renge, S. R. Gaigowal	International Journal of Engineering and Technology, Vol. 7, No. 4, pp. 586591	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
Mathematical morphology for microaneurysm detection in fundus images	Shilpa Joshi,	European Journal of Ophthalmology	2019	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
Side channel attack resistant architecture	P.P. Zode,	Cyber Physical Systems International Journal	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur,

re for elliptic curve cryptosystem.		Center VLSI Nanotechnology VNIT,				India
Design and Implementation of Low Power Multiplier Using Proposed Two Phase Clocked Adiabatic Static CMOS	Minal Keote,	International Journal of Electrical and Computer Engineering	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
Intelligent Model for Improving the Capacity of Wireless Adhoc Network	Suresh Kurumbanshi,	International Journal	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
Design and Synthesis of Restoring Technique Based Dual Mode Floating Point Divider for Fast Computing Applications	Shaikh Salman Faraz,	International Journal of Engineering Technology	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
LDPC decoders Error performance over AWGN channel using MIN-SUM Algorithm	Sandeep Kakde	International journal of Pure and Applied Mathematics	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
Performance Evaluation of Routing protocol	Swapnil bhalsagar	International journal of Innovative	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur,

under blackhole attack in MANET suggested security enhancement Mechanisms		and exploring engineering				India
Enhancing Quality of Teaching Learning through Knowledge Research and Experi	S.V.Rathkarnthiwar	Journal of Engineering Education Transformations	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
Design of Lookup Table using Quaternary Logic in Voltage Mode Standard CMOS	Y.A.Gaidhani	Helix International Journal	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
Design of Carry Skip Adder using Concatenation and	M.N.Kalbande	Helix International Journal	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
Brain Tumor Detection and Segmentation using Multiscale Intuitionistic Fuzzy	Y. K. Dubey, M. Mushrif, Kajal Mitra	Biomedical Engineering: Applications, Basis and Communications (BME), World Scientific	2019	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
Performance evaluation of routing protocol under	M. D. Chawhan Y. A. Suryaanshi, V. K. Taksande	International Journal of Innovative Technologies	2019	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India

black hole attack in manet and suggested security enhancement mechanisms		Exploring Engineering				
Design and Implementation of Low Power Multiplier Using Proposed Two Phase Clocked Adiabatic Static CMOS	M. L. Keote and P. T. Karule	International Journal of Electrical and Computer Engineering (IJECE)	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
An Empirical Proposition to Load Balancing Effectuate on AWS Hybrid Cloud	N.M. Nimbarte	International Journal of Scientific Research in Computer Science	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
Experimental Investigation of Passive direct ethanol fuel cell	R.B. Chadge	IONICS, Springer International Journal	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
Green manufacturing drivers and their relationships for small and medium (SME) and	R.L. Shrivastava	Journal of Cleaner Production	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
Quality factors and performance in citrus	R.L. Shrivastava	Int. J. Productivity and Quality Management	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
Performance Analysis	R.L. Shrivastava,	Journal of Solar	2018	0	0	Yeshwantrao Chavan

and Optimization of Fresnel Lens Concentrated Solar	Dr. S.P. Untawale	Energy Engineering, ASME				College of Engineering, Nagpur, India
Open Architecture Control for CNC System - An	Mankar, A.M., Shrivastava, R.L., Giri, J.P	International Journal of Engineering and Tech	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
Topology Network for Best Fit Validation Performance of Sea Sand in Erosion Process for	Pawar, N.S., Lakhe, R.R., Shrivastava, R.L.	Materials Today: Proceedings	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
LDPC Decoder's Error Performance over AWGN Channel using MinSum Algorithm	Apeksha Yadav Sandeep Kakde Atish Khobragade Dinesh Bhojar Shailesh Kamble	International Journal of Pure And Applied Mathematics	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
A Review on Moving Object Detection and Tracking Methods in Video	Rupali Bhatwar, Shailesh D Kamble, Nishlesingh V Thakur, Sandeep	International Journal of Pure And Applied Mathematics	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India
Fractal coding based video compression using weighted finite automata	Kamble S.D., Thakur N.V., Bajaj P.R.	International Journal Of Ambient Computing And Intelligence	2018	0	0	Yeshwantrao Chavan College of Engineering, Nagpur, India

An improved multiclass support vector machine classifier using reduced hyperplane with skewed binary tree	Pranjal S. Bogawar, Kishor K. Bhoya	Applied Intelligence (Springer US, Print ISSN 0924669X, Online ISSN 15737497),	2018	0	1	Yeshwantrao Chavan College of Engineering, Nagpur, India
Multilabel semantic concept detection in videos using fusion of asymmetrically trained deep convolutional neural networks and foreground driven concept co occurrence matrix	Janwe, Nitin J. Kishor Bhoyar	Applied Intelligence (Springer US, Print ISSN 0924669X, Online ISSN 15737497)	2018	0	3	Yeshwantrao Chavan College of Engineering, Nagpur, India
Compressive strength of mortars containing fly ash	B.P. Nandurkar, Dr. A.M. Pande	International Journal of Civil Engineering and	2018	0	4	Yeshwantrao Chavan College of Engineering, Nagpur, India
Critical studies on bond strengths of masonry units	B.P. Nandurkar, Dr. A.M. Pande	International Journal of Civil Engineering and	2018	0	4	Yeshwantrao Chavan College of Engineering, Nagpur, India
Prediction Flexural Strength of SEFC from Concrete Strength without	A.M. Pande	IOP Conference Series : Materials Science and Engineering	2018	0	4	Yeshwantrao Chavan College of Engineering, Nagpur, India

fibres						
Piled Raft Foundation : Case study Review	J. M. Raut	International Journal on Emerging T	2019	0	2	Yeshwantra o Chavan College of Engineering, Nagpur, India
Durability studies on concrete with fly ash, rice husk ash and quarry sand	A.R.Gajbhiye	International Journal of Civil Engineering and Technolog	2018	0	4	Yeshwantra o Chavan College of Engineering, Nagpur, India
Calibration of filter paper for measuring total soil	S.P Raut	SN Applied Sciences	2019	0	0	Yeshwantra o Chavan College of Engineering, Nagpur, India
Fixed Point result satisfying new contractive condition	Manjusha Prashant Gandhi	AIP Conference Proceeding	2019	0	0	Yeshwantra o Chavan College of Engineering, Nagpur, India
Antibacterial activity of synthetic pyrido[2, 3 d]pyrimidines armed with nitrile groups: POM analysis and identification of pharmacophore sites of	R.S. Selokar	New journal of Chemistry RSC (Royal Society of Chemistry) publication;	2018	0	0	Yeshwantra o Chavan College of Engineering, Nagpur, India

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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	38	71	3	46
Presented papers	70	6	3	0
Resource persons	2	13	6	34
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Electronics Telecommunication Engg	Antenna Fabrication and Testing	R.C.O.E.M., Nagpur	2000
Civil Engg	Third Party Technical Audit, Katol.	Municipal Council, Katol	756636
Civil Engg	Third Party Technical Audit, Kuhi.	Municipal Council, Kuhi	58262
Civil Engg	Environmental Engineering Laboratory	DABCER, Nagpur	13300
Civil Engg	Fluid mechanics Laboratory	RG CER, Nagpur	13230
Computer Technology	Customization and Implementation of HR Payroll software	Tirupati Urban Coperative Bank Ltd	250000
Computer Technology	Customization and Implementation of HR Payroll software	Ceinsys Tech Ltd	350000
Computer Technology	Consultancy for implementation of HR biometric and payroll modules	Jawahar Sahkari Soot Girni Ltd. (JSSG) .	125000
Computer Technology	Customization and Implementation for HR and biometric module	Shri Sainath Textile Pvt. Ltd (SSTPL)	125000
Computer Technology	HR and biometric module and Textile ERP from Topspin ERP	Br. Sheshrao Wankhede Shetkari Sahkari Soot Girni Ltd. (BSWSS) .	250000
Electrical Engg	Electrical Energy Audit, Electrical Safety Audit	1.SOS WARUDD 2.SOS BELTARODI 3.SOS HUDKESHWAR 4.SOS PRATAP NAGAR 5.SOS AMRAVATI 6.SOS	200000

		AKOLA 7.AVBRH, Wardha 8.SOS YAVATMAL 9. ALL HOSTELS (DMIMS CAMPUS, WARDHA)	
Electrical Engg	Electrical Energy Audit	ARYA CARS, PARDI NAKA, NAGPUR	39900
Electrical Engg.	Electrical Safety Audit	KEC ,Jabalpur	24000
Electrical Engg.	Electrical Energy Audit	Maruti Sujuki Warehouse I, MIDC,B utibori,Nagpur	2640
Electrical Engg.	Electrical Safety Audit	Maruti Sujuki Warehouse II, MIDC, Butibori,Nagpur	2640
Electrical Engg.	Electrical Energy Audit	Morarjee Textiles, Butibori, Nagpur	11000
Electrical Engg.	Electrical Safety Audit	Pranav Ambaselkar Associates	5000
Electronics Telecommunication Engg	Antenna Fabrication and Testing	RG CER, Nagpur	4500
Electronics Telecommunication Engg	Antenna Fabrication and Testing	St. Vincent college of Engg, Nagpur	6000
Electronics Telecommunication Engg	Antenna Fabrication and Testing	R.C.O.E.M., Nagpur	6000
Electronics Telecommunication Engg	Antenna Fabrication and Testing	RG CER, Nagpur	4000
Electronics Telecommunication Engg	Antenna Fabrication and Testing	RG CER, Nagpur	4000
Electronics Telecommunication Engg	Antenna Fabrication and Testing	St. Vincent college of Engg, Nagpur	6000
Electronics Telecommunication Engg	Antenna Fabrication and Testing	R.C.O.E.M., Nagpur	2000
Electronics Telecommunication Engg	Antenna Fabrication and Testing	G.H. Rasoni College of Engg	5000
Electronics Telecommunication Engg	Antenna Fabrication and Testing	DBACER, Nagpur	4000
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s)	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
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department				
Mr. M.K. Hadap Information Technology	Networking	Nagpur District Central Cooperative Bank, Nagpur	100000.1	25
View File				

3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Donation camp for Kerala flood affected people in YCCE campus	Organised by NSS unit of YCCE in collaboration with Rotaract Club of YCCE	2	25
Tree Plantation	Organised by Social club of YCCE in collaboration with NSS unit of YCCE	3	30
Dictionary distribution to needy orphan students	Organised by Social club of YCCE in collaboration with Rotaract Club of YCCE	2	45
Blood Donation Camp	Organised by NSS unit of YCCE in collaboration with Social club and Rotaract Club of YCCE	10	177
View File			

3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	NIL	NIL	0
View File			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Mayor Innovation Council	Nagpur Municipal Corporation	HACKATHON	2	15
Swachh Bharat Abhiyaan	Social Club of YCCE with	Nirmalya Sankalan	5	54

	Nagpur Municipal Corporation and Rotaract Club of YCCE	(Collection of Garbage on immersion of Idols of Lord Gnaeshji)		
Human Rights, Indian Judiciary and Constitution of India	TECH TRAINERS Pune Pvt. Ltd. (NGO) in collaboration with NSS Unit of YCCE	One day seminar on "Human Rights, Indian Judiciary and Constitution of India"	2	150
Awareness Camp about Rubela and MMR Vaccination	Social Club of YCCE with Nagpur Municipal Corporation	Awareness Camp about Rubela and MMR Vaccination	2	10
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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Semester Long Internship	75	75	180
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
MoU	Industry Supported Lab	Minar Hydro systems Pvt. Ltd. U110 MIDC Hingna Road Nagpur441110	01/04/2018	30/06/2019	MHPL and Mechanical Department, YCCE
MoU	Industry Supported LAB	AVEVA Technologies Pvt. Ltd. Unit No.202, Wing A Supreme Park Hiranani Garden Mumbai.	01/10/2018	30/06/2019	AVEVA Mumbai Mechanical Department, YCCE
Training	Internship	Ceinsys Tech Limited, Nagpur	01/12/2018	30/04/2019	3
Training	Internship	M/s.	01/12/2018	30/04/2019	4

		Appechemie Pvt. Ltd. Nagpur			
Training	Internship	Ecologique Science Technik Pvt. Ltd.	01/12/2018	30/04/2019	1
Training	Internship	ImaGIS Engineering Solution Pvt. Ltd., Nagpur	01/12/2018	30/04/2019	4
Training	Internship	Prathamesh Project Engineering and Management Consultant	01/12/2018	30/04/2019	4
Training	Internship	M/s. P.T. Mase Associates, Nagpur	01/12/2018	30/04/2019	7
Training	Internship	Tata Consultancy Services, Nagpur	21/05/2018	20/11/2018	13
Training	Internship	Tata Consultancy Services, Nagpur	26/11/2018	25/05/2019	3
Training	Internship	Bushel Technologies Nagpur	02/07/2019	30/11/2019	3
Training	Internship	Alacrity Ecommerce Pvt Ltd Nagpur	02/07/2019	03/11/2019	6
Training	Internship	Alacrity Ecommerce Pvt Ltd Nagpur	17/12/2018	30/04/2019	5
Training	Internship	Blue Planet Info solutions Pvt.Ltd Nagpur	02/07/2019	03/11/2019	8
Training	Internship	Lemon Ideas Nagpur	02/07/2019	30/11/2019	2
Training	Internship	Ensivo Solution Nagpur	02/07/2019	30/11/2019	5
Training	Internship	ANV infotech	02/07/2019	30/11/2019	4

		Nagpur			
Training	Internship	Persistent Systems Nagpur	13/12/2018	13/06/2019	9
Training	Internship	Arista Infotech Nagpur	05/12/2018	05/05/2019	4
Training	Internship	CityBridge Software Pvt Ltd	10/12/2018	30/04/2019	3
Training	Internship	Youbotics Nagpur	03/02/2018	30/04/2019	2
Training	Internship	Forensic Solution Nagpur	13/12/2018	30/04/2019	1
Training	Internship	Ceinsys Technology Nagpur	18/12/2018	30/04/2019	8
View File					

3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Minar Hydro systems Pvt. Ltd. Nagpur	07/04/2018	Industry Supported Lab, Industry Visits, Industrial Trainings, Certification course	36
AVEVA Pvt. Ltd. Mumbai	30/07/2018	Industry Supported Lab, Industrial Trainings	46
Budhwanti Education Research foundation 898 Sector 14 Gurgaon 122001 (Haryana)	10/05/2019	Knowledge sharing, Consultancy, Certification course	43
SAP Control Systems Enginners Pvt. Ltd. Nagpur	20/06/2018	Students Projects	45
Electus Technologies Pvt. Ltd. Nagpur	20/06/2018	UG PG Projects	40
KrishInfotech, Nagpur	18/03/2019	Academic Curricular Development	40
ARAV Systems Pvt. Ltd. Nagpur	12/03/2019	Academic Curricular Development	40
IT Source Technologies	18/03/2019	Academic Curricular Development	40

Ltd.Nagpur			
Entuple Technologies Pvt.Ltd.Banglore	22/04/2019	Expert Lectures	40
DnyanFoundation,Nagpur	12/03/2019	Academic Curricular Development	40
Unique Automation Pvt.Ltd.Nagpur	11/12/2018	Expert Lectures	40
Datalytics,Nagpur	16/10/2019	Industrial training to students and staff	40
Alacrity Ecommerce Solutions Pvt Ltd, Nagpur	01/01/2019	1. Industry align elective Ecommerce is float. 2. Internship	100
Youbotics Nagpur	23/05/2019	1. Internship	44
Neetii Beyond Private Limited,B16, Wasudeo Nagar Near Hingna Naka, Nagpur,	07/08/2019	Project	44
6Simplex Software Solutions Pvt Ltd,42, Ambazari Road, Hill Top Layout, Ambazari, Nagpur, Maharashtra 440033	07/08/2019	Project and Professional Elective (IGIS) VI Sem	48
Crypto Forensic Technology,G195 VEGA VILLA, Bajaj Nagar, Nagpur, Maharashtra 440010	07/07/2019	Project,PG Internship, Workshop	45
ITNetworkZInfosystemsPvt Ltd,202, P5/A Akansha Apartment, 102, RPTS Rd, Laxminagar, Nagpur, Maharashtra 440022,	07/08/2019	Project,PG Internship, WorkshopProject,PG Internship, Workshop	45
S2P EDUTECH,Opposite Sony Center, Near Dande Hospital, Ravi Nagar, Nagpur, Maharashtra 440010	07/07/2019	Project,PG Internship	49
Ready To Innovate Worldwide,Nagpur	07/07/2019	Project, Project Exhibition	64
DATALYTICS, NAGPUR	16/10/2019	Training and Placement	300
Vidhi Industries, Nagpur	18/07/2019	Industrial Visit	300

Vidhi Electricals, Nagpur	18/07/2019	Training and Internship	350
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
404	385.4

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Lib Sys	Fully	2007	2000

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	99045	30236887	1963	521727	101008	30758614
Reference Books	8656	7423538	200	141400	8856	7564938
e-Books	3843	0	0	0	3843	0
Journals	9765	856157	6039	68723	15804	924880
e-Journals	170	1545051	152	235194	322	1780245
CD & Video	1071	17649479	740	492030	1811	18141509
Library Automation	1300	859687	360	82600	1660	942287
Weeding (hard & soft)	0	0	0	0	0	0
Others (specify)	122609	58570799	8562	1541674	131171	60112473

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Mrs. S. G. Kale	Computer architecture and organization	IMPARTUS	12/12/2018
Ms. N. R. Wankhade	Object oriented programming	IMPARTUS	12/12/2018

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	2204	0	0	160	180	1960	1668	90	0
Added	54	0	0	0	0	14	0	22	0
Total	2258	0	0	160	180	1974	1668	112	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

112 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NAS SERVER LOCAL	http://www.ycce.edu

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
1495	1457.42	115	113.5

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

The college has good academic atmosphere and stateoftheart infrastructure. It has wellfurnished classrooms laboratories. The college obtains the necessary requirements of class rooms, laboratories and other infrastructural resources from each HOD well before the beginning of the academic year. After validation of the requirements the available resources are allocated to each department. Any new facility to be constructed / acquired is provided by the management before the semester begins. Right from its the college has been improving its infrastructure to meet its ever increasing growth. Additional blocks for

academic and administrative purposes have been constructed. Floors have been added to the existing blocks to enhance the facilities. Renovation of older blocks and modernization of laboratories have been done to meet academic requirements. The college has a estate manager to take care of all the construction work, be it add on constructions or maintaining the existing ones. The buildings are maintained for their upkeep and repairs on a regular basis. The house keeping team regularly maintains the buildings, corridors and other places clean and tidy. The wash rooms are maintained by a team on a regular basis to maintain their usability. The Departments managed by their heads are responsible for maintaining the laboratory equipment for their operational conditions. The institution has an IT cell headed by a System Analyst to oversee the procurement, maintenance, repairs and replacement of equipment like computers, laptops, projectors and others in the domain area of information technology. The facilities like Ramp, Lift for disabled students / staff are available in all the buildings of the college. The college has Boys' as well as Girls' hostel inside the premises. Two hospitals are also available in the premises, where students / staff can avail medical facilities. A well maintained Gymnasium also exists in the campus. The bank facility is available nearby the college premises. The college provides excellent sports facilities to the students. Playground is available in the campus. Further, we have facilities of various indoor and outdoor games. Volley ball, basketball courts etc. are available in the college premises.

<http://www.ycce.edu>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Fee Concession to desirous students	92	3035594
Financial Support from Other Sources			
a) National	NIL	0	0
b) International	NIL	0	0

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Induction Programme	30/07/2018	1020	ADCC, Nagpur
Road Safety Awareness Programme	11/08/2018	450	Jan Aakrosh
Success Mantra	16/08/2019	150	Mr. Shrikant Adharpurkar
Guest lecture	25/09/2018	135	TMC consultancy services
Blood Donation Camp	29/03/2019	60	Ranbow Hospital
Coding Club	24/08/2018	65	CTDepartment, YCCE
GATE Club Activity	01/07/2018	116	CTDepartment, YCCE

CAT	27/08/2019	26	CTDepartment, YCCE
English Grammar	18/02/2019	194	Innovinc Systems Nagpur
Industrial Programming Language	20/11/2018	194	Innovinc Systems Nagpur
Induction Programme for III Semester BE Students	02/07/2018	137	0
One Day Workshop on Training Program on AutoCAD	25/08/2018	33	0
One Day Workshop on Leadership Skills Business Skills by Mr. Amol Mourya	31/08/2018	66	0
One Day Workshop on Job Oppurtunities Entrepreneurship in Construction, Real Estate, Infrastructure Project (CRIP) by Mr. Sohan Mohanti, Dr. A. K. Ganguly, Dr. Anil Agrawal	24/09/2018	90	0
One Day Workshop on Designing of RCC Building	27/09/2018	48	0
One Day Workshop on Introduction to Universe of Building Information Modelling by Mr. Adnan Ghori	06/10/2018	50	0
National Seminar on Environmental Management : Challenges Solutions	28/09/2018	10	0
Two Day Health CheckUp Camp	21/01/2019	450	0
One Day Workshop on Building Estimate by using Quantity Takeoff	08/03/2019	36	0
One Day Workshop on Relevance of second year subjects to competitive examination for Government Job	09/03/2019	72	0

Basics of Strength of Material	10/07/2018	50	0
Career Opportunities for Civil Engineers Software	01/08/2018	110	0
Guest Lecture On Public Speaking	23/08/2018	86	0
Poster Powerpoint Presentation on various topics of Geology	31/08/2018	220	0
Guest Lecture on Engineers Day	19/09/2018	185	0
Guest Lecture on Importance of STAADPRO ETABS Software in Civil Engineering	21/09/2019	51	0
Guest Lecture on Career after Graduation	26/09/2019	58	0
Career Options after Civil Engineering	31/01/2019	83	0

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	GATE Club	40	60	20	35
2018	Guest lecture on Higher Studies	0	40	11	138
2018	Technical Quiz by ICE, GATE Institute	127	0	0	0
2018	Seminar by GATE Forum	58	0	0	0
2018	Guest lecture on "Vedic Maths and Aptitude solving Techniques"	137	0	0	0

	by Mr. Manmath Deshpande				
2018	Guest lecture on C++ for Campus Placement -Preparation	0	176	0	0
2018	A seminar on Campus recruitment guidance	0	143	0	0
2018	CRT	144	144	0	104
2018	GATE Club Activity	81	116	4	0
2019	One Day Workshop on Relevance of second year subjects to competitive examination for Government Job	72	0	8	0

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Capgemini India Pvt. Ltd.	592	65	NIL	0	0

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	8	B.E Mechanical	Mechanical Engineering	VIT Vellur The	M.Tech (production)

		Engineering		University of Texas at Dallas St Joseph College Chennai University of South Florida USA IIT, Kanpur IUPUI, India naPolis. Bauhaus Universitat Weimar Bauhaus Universitat Weimar MIT	M.S MBA MS Industrial Engineering MS Fluid and Thermal Science, Ms Mechanical Engg, MSDigital Engineering (Master of Science) Master of Science mathematics
2018	5	B.E. Electronics and Telecommunication Engineering	Electronics and Telecommunication Engineering	IISC, Bangalore Balaji Institute of Modern Management, Pune Sunbean Institute of Information technology Thakur Institute of Career advancement SAP Partner, Pune	M.Tech M.B.A. CDAC PG Diploma in CDAC SAP Certification
2018	4	B.E. Electronics Engg	Electronics Engg	Welinkar Inst.Mumbai University of Northampton, UK Clemson University International Inst.of	MBA MBA MAE MSM
2018	9	B.E. Computer Technology	Computer Technology	IIM Sambhalpur IIM Kashipur Symbiosis International University, Pune Northeastern University	MBA MBA MBA MS MS MS MS MS MBA

				Dalas University of Texas- Dalas University of Texas- Dalas University of Adelaide Skema Business	
2018	2	B.E. Information Technology	Information Technology	YCCE-CT SGGSIE&T, Nanded,	M.Tech M.Tech
2018	11	b.e. Civil Engineering	Civil Engineering	NICMAR, Pune NICMAR, Pune NICMAR, Pune NICMAR, Pune NICMAR, Pune NICMAR, Pune YCCE, Nagpur YCCE, Nagpur YCCE, Nagpur Arizona State	REUIM Advanced Construction Management Advanced Construction Management CSCDM CSCDM Structural Engineering Structural Engineering Structural Engineering MS MS Environment Engineering

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Any Other	1
NET	0
SET	0
SLET	0
GATE	23
GMAT	0
CAT	38
GRE	9
TOFEL	0
Civil Services	0

[View File](#)

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
YASH - Annual Social Gathering (Events Singing Competition, Fashion Show, Dance Competition, Freshers The personality Contest for First Year Students etc.)	Inter Institutional Level	2000
Inter - Departmental Sports Week Cricket	Institutional Level	150
Departmental Technical Festivals (Events - Robo War, Bridge Building, Open Mic Competition, Technical Quiz, Hackathon, Cyber Security Awareness programme etc.)	Inter Institutional Level	3000
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	NIL	National	0	0	00	00
2018	NIL	Internatio nal	0	0	00	00
2019	NIL	National	0	0	00	00
2019	NIL	Internatio nal	0	0	00	00
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Activities of Student Council: 1. Recitation of Speech delivered by Swami Vivekanandji in Chicago 125 years back, was organised on 11/09/2018. 100 students participated. 2. AGNIPANKH an interactive Guest Lecture about the Indian Army delivered by Mr. Abhinandan Palsapure, Treasurer, JK Study Centre was organised on 05/10/2018 on the occasion of Air Force Day. 475 students were present on this occasion. 3. Seminar Presentation on 'Surgical Strike by Indian Army' on the occasion of Surgical Strike Day on 29/10/2018 by Ft. Lt. Shivalee Deshpande. 147 students participated in it. 4. Celebration of National Youth Day - Birth anniversary of Swami Vivekanand - Guest lecture on "Ethical Values of Swami Vivekanand and their applicability in today's era" delivered by Shri Vivekji Ghalsasi on 14/01/2019. Total students present were 300. 5. A Shivshahi March followed by an inspirational speech by Shri Sumantji Tekade on the topic "Chhatrapati Shivrai - The Management Guru" was organised on the occasion of Shivjayanti on 27/02/2019. Around 500 students attended it.

Representation of students on academic administrative bodies/committees of the institution: 1. Topper student of each department is a member of respective Departmental Quality Assurance Cell 2. Overall Topper of the institution is a member of Institutional Quality Assurance Cell 3. One female student of UG and

are the members of Institutional Sexual Harassment Redressal Committee. 4. Class representatives are the members of Library Committee.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

YCCE has a registered Alumni Association in the name "Yeshwantrao Chavan Abhyantriki Mahavidyalaya Alumni Association" registered on 12 February, 2008. Many activities like alumni meets, Guest Lectures of Alumni, Industrial Visits to the industries of the alumni, Silver Jubilee Alumni Meets etc. are organised every year at various place in India as well as abroad. Total 123 members are registered members of this association. A silver jubilee alumni meet of 1989 admitted batch of YCCE, was organized on 19th December, 2018 in the academic session 2018 -19.

5.4.2 – No. of registered Alumni:

123

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

A silver jubilee alumni meet of 1989 admitted batch of YCCE, was organized on 19th December, 2018 in the academic session 2018 - 19

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The college believes in decentralization of administration and transparency of governance. The college authorities have created different Functional Head Post's for achieving proper and effective coordination with various day to day academic activities, administrative function, planning and development and to disseminate decision making powers. Independence is given to all heads of the departments in planning, organizing and implementing various activities of the departments in improving the efficiency of the institutional process.

Participative management involves Management, Principal, HoD, Faculty and Students. At each level active part is taken in planning and implementation of policy of the college. Various different committees at institutional levels and departmental levels are responsible for planning and executing many operational procedures in the institution. Everyone in the institution has a stake in contributing towards achievement of excellence. Every employee at all levels has an opportunity to contribute his/her innovative ideas leading to improved processes and higher quality. This is achieved through the statutory and nonstatutory committees operating at strategic (Academic Council, Board of Management, IQAC, BoS), (Principal, Deans, HODs, Controller of Examination, Registrar, Administrative Officer, Librarian, T P Cell, R D Cell with research verticals, Coordinators, Forum Inchagres, Class Teachers, Faculty Advisors, Lab. Inchagres etc.).

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	Involvement of stakeholders, inviting academicians and industrialist for Curriculum development workshops, Nominating Industry Experts/Academicians from reputed Institutions/Alumni on Board of Studies, Study of current requirements of the society, industry technological changes taking place in the respective fields of the disciplines.
Teaching and Learning	Implementation of outcome based education, Conventional Teaching as well as Modern teaching aids are used for teaching, Online examination, MOOCs, Online quiz, Extensive use of Eresources, (NPTEL, DTEL Material etc.), Faculty members are motivated to design contemporary, skillbased and valueadded courses. Training sessions for the faculty are conducted to enhance their teaching skills, Promoting innovative teaching methodologies
Examination and Evaluation	Continuous evaluation system in laboratories with full transparency is practised, ESE/MSE Papers are moderated by the senior faculty members, Evaluated Answer sheets of MSE ESE are shown to the students before declaration of results, Conduct of Examinations strictly as per academic calendar, ESE Question paper setting through question bank for some first year courses
Research and Development	R D Cell to monitor activities along with research verticals, Research Portal for projecting research efforts, Funding proposal submission to various agencies, Innovative projects funding by institution, Seminars and workshops are organized to provide expert information on research methodology, Financial support sanction of leaves for participation in STTP, FDP, Infrastructure facilities like wellequipped labs, Books, ejournals,
Library, ICT and Physical Infrastructure / Instrumentation	Central library every year purchases books as per the recommendations of the departments, faculty students, Large no. of reputed Journals (print online) are prescribed, Apart from central library, each department is having

	departmental Library, well equipped with reference books, UG/PG Projects, DTEL/NPTEL Material, Procurement of Lab. Equipment's with latest configurations, Providing sufficient number of Class Rooms, Seminar Rooms, Tutorial Rooms, Girls Common Rooms, Labs as per the AICTE requirements, Availability of sufficient modern teaching aids in the departments.
Human Resource Management	Staff welfare schemes namely EPF, Group health insurance policy,• ERP Biometric system for all the administrative modules of the institution, Organizing training programs and workshops/seminars for enhancing the multiskills of the faculty members, Effective appraisal system to assess the performance of faculty. Recruitment of faculty and support staff as per the guidelines of University and AICTE/UGC, New Delhi., Advertisement for recruitment of regular faculty is approved by the university recruitment process will be completed within a month or two, Interviews were conducted for the internal promotion of eligible support staff for Assistant Registrar post.
Industry Interaction / Collaboration	Coguides for UG/PG projects, Resource persons for FDP/STTP/Workshops, Expert Lectures, Adjunct Faculty, Members of BoS/Academic Council, Inviting experts from industry for CDW, Industrial Visits/tours
Admission of Students	Govt. of Maharashtra CAP (Common Admission Process) is followed for student admissions. Publicity through print other media, participations in educational expos. transparent admission process.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	College has office automation which includes students' database, faculty and staff database, payroll, student feedback system. MIS is used by faculty members for applying leaves. Library automation has been done for stock maintenance, issue and return of books etc.. Eaccess of online journals is provided.
Administration	Horizontal and vertical communication is through mails. Notices are displayed through TV displays

	various places in the departments. Cameras are installed at various prominent places in the campus.
Finance and Accounts	The institution has been using competent software to maintain and manage the inflow and outflow of the finances. The accounting entries, statement of accounts and financial reports are being produced.
Student Admission and Support	All the information regarding the ILQ is displayed on college website and admissions are done accordingly. On line submission of fees option is also made available to the students. On line registration to higher classes is also available. The student performance and progression is shared to students through app (STUDENT DIARY). Web moodles are available to students for receiving notices, learning material, submission of assignments etc. WiFi access points are made available in the Campus as well as hostels. Email ids and contact numbers of all members of Anti Ragging Committee, Anti Ragging Squad and Internal Complaints Committee have been uploaded to the college website
Examination	Online Examinations are conducted for all subjects for 4 teacher assessment marks. The examination section i.e. controller of examination office automation includes, database of internal and external examiners, database of students exam. details, online valuation of answer books, online declaration of results, online viewing of valued answer books to the students before declaration of

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Arvinder Kour	paper presentation at IIT Roorkee during 30.11.18 to 02.12.18	NA	5000
2018	Rajesh Bodkhe	paper presentation at IEI Udaipur	NA	10295

		during 2024 Dec18		
2018	K P Kamble	paper presentation at IEEE, JALANDHAR (secure cyber computing and communication) DURING 15 17 DEC. 18	NA	13731
2018	Anagha V Choudhari	19th ISME conference on Advance in Mechanical Engineering held at Dept. of Mechanical Engineering , Dr B R Ambedkar national Institute of Technology, Jalandhar from 20.12 to	NA	10615
2018	Nita Rehpade	reimburse course certification fees during NPTL online course session 201819	NA	1300
2018	Bharti Masram	reimburse course certification fees during NPTL online course session 201819	NA	750
2018	S S Chiwande	reimburse course certification fees during NPTL online course session 201819	NA	750
2018	Amoli Belsare	reimburse course certification fees during NPTL online course session 201819	NA	1300
2018	Yogesh kale	reimburse course	NA	1300

		certification fees during NPTL online course session 201819		
2018	K P Kamble	reimburse course certification fees during NPTL online course session 201819	NA	1300
2018	Shweta Dhondse	reimburse course certification fees during NPTL online course session 201819	NA	1300
2018	A V Gokhale	reimburse course certification fees during NPTL online course session 201819	NA	1300
2018	U S Ghodeshwar	reimburse course certification fees during NPTL online course session 201819	NA	1100
2018	P P Zode	reimburse course certification fees during NPTL online course session 201819	NA	1000
2018	Rupa Fadnavis	reimburse course certification fees during NPTL online course session 201819	NA	1300
2018	Mukesh Raghuwanshi	reimburse course certification fees during NPTL online course session 201819	NA	1300

2018	Mukesh Raghuwanshi	reimburse course certification fees during NPTL online course session 201819	NA	1100
2018	Mukesh Raghuwanshi	reimburse course certification fees during NPTL online course session 201819	NA	1100
2018	Nikhil Mangrulkar	reimburse course certification fees during NPTL online course session 201819	NA	1100
2018	Smita kapse	reimburse course certification fees during NPTL online course session 201819	NA	1100
2018	Nilima Jichkar	reimburse course certification fees during NPTL online course session 201819	NA	1100
2018	Shewta Tiwari	STTP on Labview and Matlab application held at NITTR Kolkatta in Eng. from 7.1.19 to	NA	9465
2018	S W Shende	participating one week FDP on Blockchain Tech. 3 8 Dec. 18 at KDK College.	NA	1125
2018	Vaibhav Doifode	STTP Electro Magnetic Trans. Analysis using EMTP RV from 19.1.19 to 23.1.19 at	NA	8500

		Govt. Coll. of Eng. Aurangabad		
2018	Prasad Joshi	STTP Electro Magnetic Trans. Anayl. using EMTP RV from 19.1.19 to 23.1.19 at Govt. Coll. of Eng. Aurangabad	NA	8500
2018	Prashant D Kamble	National Conference on Emerging Trends in Mechanical Engineering held at NIT, Warangal from 09.01 to	NA	4780
2018	Gaurav Gondhalekar	Short Term Training Programme on Smart Grid and Distributed Generation Technologies' held at NITTR Chandigarh from 07.01.2019 to 11.01.2019	NA	6510
2018	Shilpa Sahare	national Conference on Emerging Trends in Mechanical Engineering held at NIT, Warangal from 09.01 to	NA	3875
2018	Piyush Patil	Short Term training Programme on Smart Grid and Distributed Generation Technologies held at NITTR Chandigarh from 07.01.2019 to 11.01.2019	NA	6510
2018	Tripathi K. N.	Expenses incurred for Workshop for state holders on Approval Process 201920	NA	9477

		on 16.01.2019 at Ahmedabad for WRO and CRO Region registration		
2018	A V kale	STTP on Mechanical manufacturing and Monitoring using MATLA at VNIT Nagpur from 06.12.18 to 11.12.18	NA	2000
2018	S T Bagde	STTP on Mechanical manufacturing and Monitoring using MATLA at VNIT Nagpur from 06.12.18 to 11.12.18	NA	2000
2018	Sarala P Adhau	One Week Short Term Course on Emerging Trends in Electrical and Electronics Systems at VNIT during 1102 to 16.02.19	NA	1770
2018	Shri S P Untawale	Attend AICTE Workshop on Approval Process at Ahmedabad Schedule on 16.01.2019	NA	21974
2018	Deven Sahare	Short Term Training Program on Application of AUTOCAD in engineering Basic Science at NITTTR Kolkata during 18.02.19 to 22.02.19	NA	7980
2018	Shirkant Jachak	Short Term training program on Application of AUTOCAD in engineering Basic Science at NITTTR Kolkata during	NA	6780

		18.02.19 to 22.02.19		
2018	Sandeep Gaigowal	attending STTP on Emerging Trends in electrical and Electronics Systems held at VNIT during 11.02.19 to 16.02.19	NA	1770
2018	Parthna Deshkar	attending 6 days Workshop during 10.12.18 to 15.12.18 on Short Term Training program on Machine	NA	750
2018	Kavita singh	attending 6 days' Workshop during 10.12.18 to 15.12.18 on Short Term Training program on Machine Learning	NA	750
2018	Supriya Thombre	One Week FDP on Improving Technical paper Writing Skills [ITPWS201819) held at YCCE on 21.12 to	NA	375
2018	Sagar Lachure	One Week FDP on Improving Technical paper Writing Skills [ITPWS201819) held at YCCE on 21.12 to	NA	375
2018	Kishor Patil	being expenses incurred for to attend One day Workshop at IIT Bombay for the Project Pandit Madan Mohan Malaviya National Mission on	NA	4545

		Teaching {PMMNMTT}, funded by the Ministry of Human Resource Development, Govt of India on 01.03.19.		
2018	Thatere Ajay	Expenses incurred to attend One day Workshop at IIT Bombay for the Project Pandit Madan Mohan Malaviya National Mission on Teacher and Teaching {PMMNMTT}, funded by the Ministry of Human Resource Development, Govt of India on 01.03.19.	NA	4595
2018	Shilpa Sahare	attending Global Initiatives of Academics network Workshop at VNIT during 11.03.19 to 15.03.19	NA	3000
2018	Dipti Kashyap	attending Global initiative of Academics network Workshop at VNIT during 11.03.19 to 15.03.19	NA	3000
2018	Rajesh Bodkhe	attending National Electric kart Championship 2019 Workshop at Rajiv Gandhi State Technologies University Bhopal During 26.03.19 to	NA	4535

		29.03.19		
2018	Manish Chawhan	attending meeting at AICTE New Delhi during 12.03.19 to 14.03.19 Under the Scheme of Skill and Personality	NA	8680
2018	Gauri Dhopavkar	Six day Faculty Development Program on Scientific Computations with Pyhthon [Sponsor red by Ministry of Electronics and Information Technology from 20.11 to 25.11.2018 held at NIT, Varangal	NA	5050
2018	Rajeev Verma	Attend paper presentation, Comparative Study of Various Techniques on Handwriting Recognition Analysis. on 07.04.2018 to 08.04.2018 held by IEEE at Pune	NA	5462
2018	Akash Gedam	Attend paper presentation, Kala ka Bauddhadarma Aur Sanskruti Me Yogdan, on 21 22 june 2018 held by International Center For Buddhist Studies,	IEEE	2000
2018	Nisha Wankhede	Attend paper presentation, Need of Fundus Image Analysis, on 2021 April2018	NA	6514

		organized by Ranganathan College of Engg. Coimbatore		
2018	M M Dakhore	Attend paper presentation, Design Consideration for The development of rotary compression pipe bending mechanism, on 27 28 April 2018 held at NIT ,Tiruchirap	NA	5000
2018	Rajesh Bodkhe	Diamond Jubilee National convention on IIIE International Conference on role of Industrial Engineering in Industry 4.0 paradigm [ICEIEIND 2018 held at Bhubaneswar held on 27.09 to 30.09.2019	IIIE	6985
2018	P T Kosankar	International Conference on Multifunctional Advance materials held at kamla Neharu Mahavidyalaya from 05.10 to 07.10.2019	NA	2625
2018	Akash Gedam	Two days National Conference on Democracy , Elections and Goods Governance by Rashtrasant Tukadoji Maharaj Nagpur University , nagpur from	NA	500

		05.10 to 06.10.2018		
2018	Ajay Thatere	present paper at Madan Mohan Malaviya Uni. Of Tech. Gorakhpur (U.P) FROM 204 NOV.	ICI	10695
2018	Mablika Adak	registration fee for International Conference on Applied and computational Mathematics 2018 (ICACM2018) from 2325 Nov. 18	NA	9750
2018	Yogesh Kale	1st International Conference on Biomedical Engineering Science Technology : Roadway from laboratory to market held at Dept. of Biomedical Engineering, National Institute of Technology, Raipur from 20.12 to 21.12.2018	NA	3747
2018	A B Bshake	to attend International conference on New Horizons in green chemistry technology held at Uttaranchal University, Deharadun	NA	12885
2018	Vipin Bondre	IEEE Scopus Indexed International Conference at Pimrpri Chinchwad college of	NA	5887

		Engineering, Pune from 15.08 to 18.08.2018		
2018	Prabhakar Dorge	Attend IEEE International Conference ICSCCC 2018 held at NIT, Jalandhar from 15.12 to 17.12.2019	NA	12025
2018	Sachin Khade	International conference on Secure Cyber Computing and Communications organise by at Dept. of Computer Science Engineering , Dr B R Ambedkar national Institute of Technology, Jalandhar during 1517	NA	12025
2018	Yogesh Nandurkar	paper presentation in International conference at Udaipur during 21.12.18 to 23.12.18	NA	8040
2018	Bharti Masram	paper presentation at NIT Jalandhar Punjab during 1517 December18	NA	12275
2018	P S Shete	3rd IEEE International conference on Electrical , computer and Communication Technologies Comprehensive Energy Audit of Food processing Industry held at SVS College of Engineering, Coimbatore from	NA	6153

2018	Sanjay Waghmare	National Conference on Innovation in environmental and Earth Science for Sustainable Future held at School of Environmental and earth Science, Kavaitiri bahinbai Chaudihari North Maharashtra University, Jalgoan from 27.02 to 28.02.2019	NA	3710
2018	Akash Gedam	79th Session of the Indian History Congress at Barkatullah University, Bhopal on 26.2 to 28.02.2019	NA	4720
2018	Jayant Raut	National Conference on Recent Advance in Engineering and Technology, held at Government College of Engineering, Nagpur on 15.02.2019	NA	1500
2018	Prashant Kashyap	National conference on Advance in Mechanical Engineering 2019 held at NIT New Delhi on 16.03.2019	NA	8260
2018	Abhishek Madankar	IEEE Approved International conference on Advance Computing communication systems ICACCS2019 held	NA	8408

		at Sri Eshwar college of engineering Coimbatore, Tamilnadu15.03 to 16.03.2019		
2018	Dhiraj Thote	IEEE Approved International conference on Advance Computing communication systems ICACCS2019 held at Sri Eshwar collge of engineering Coimbatore, Tamilnadu15.03 to 16.03.2019	NA	8408
2018	Minal Patil	IEEE Approved International conference on Advance Computing communication systems ICACCS2019 held at Sri Eshwar collge of engineering Coimbatore, Tamilnadu15.03 to 16.03.2019	NA	11210
2018	Yogesh kale	attend STTP ,Advance VLSI Design Using Cadence Tools on 02.04.2018 to 07.04.2018 held at YCCE Electronics Dept.	NA	1500
2018	Monali Wagh	2 days Workshop on Sustainable Construction : material and Technologies held at Shri Ramdeobaba College of Engineering and management , Nagpur from 12.04 to 13.04.2018	NA	750

2018	Sandeep Kakade	attend one week STTP ,Advance VLSI Design Using Cadence Tools. from 02.04.2018 to 07.04.2018 at YCCE	NA	1875
2018	Minal Keote	attend one week STTP, Advance VLSI Design Using Cadence Tools. from 02.04.2018 to 07.04.2018 at YCCE	NA	1875
2018	V N Mendhe	registration fee of workshop Sustainable construction : material Technologies at Ramdeobaba College on 12	NA	750
2018	Minal Keote	attend 6 days Workshop, Advance VLSI Design using Cadence Tools. on 2.04.208 to 07.04.2018 at YCCE	NA	1500
2018	Anagha Chaudhari	attend AICTEISTE approved STTP, Advanced VLSI Design using Cadence Tools. on 02.04.2018 to 07.02.2018 at YCCE	NA	1500
2018	Nevidita Pande	19th ISME conference on Advance in Mechanical Engineering held at Dept. of Mechanical Engineering , Dr B R Ambedkar national Institute of Technology, Jalandhar from	NA	10615

		22.12.2018		
2018	Minal Ghute	International Conference on Security Cyber Computing and Communications [ICSCCC2018/] held at Dr B R Ambedkar national Institute of Technology, Jalandhar from 15.12 to 17.12.2018	NA	12755
2018	Snehal Gawande	8th International Conference on Power Electronics, Drives and Energy Systems [PEDES) Held at Indian Institute of Technology Madras from 18.12. to 21.12.2018	NA	12439
2018	Pravin Zode	8th International Conference on Power Electronics, Drives and Energy Systems [PEDES) Held at Indian Institute of Technology Madras from 18.12. to 21.12.2018	NA	11110
2018	R L Shivastawa	33rd International Conference on Integration of Technologies: emerging Engineering Paradigm held at India engineering congress of at Hotel Ananta, Udaipur from	NA	4745

		21.12 to 23.12.2018		
2018	Meenal Kale	Visvesvaraya National Institute of Technology Nagpur Department of Humanities and Social Science for 2 National Conference held at Dept of Humanities' and Social Science, VNIT Nagpur from 08.12 to 09.12.2018 [Teaching English language and	NA	1500
2018	Meenal Kale	17th Indian Science fiction conference Bang lore and Indian fictions Association, Faizabad, UP Malviya Centre of Innovation, Incubation and Entrepreneurshi p, IIT [BHU] Varanasi, Up held at IIT Varanasi from 15.12 to 16.12.2018	NA	7252
2018	A S Khobragade	Short Term Training Programme on Open Source Technologies held at RGCER, Nagpur from 22.10 to 27.10.2018	NA	3000
2018	Shweta Gode	Short Term Training Programme on Open Source Technologies held at RGCER, Nagpur from 22.10 to	NA	900

		27.10.2018		
2018	Nilima Jichkar	Short Term Training Programme on Open Source Technologies held at RGCER, Nagpur from 22.10 to 27.10.2018	NA	900
2018	M S Pawar	One Week short term Training Programme on functional MRI : Methods and Application for Medical Imaging held at VNIT, Nagpur from 22.10 to 26.10.2018	NA	3000
2018	A V Patil	attending STTP , ETABS structural analysis design software for building at NITTTR, Kolkata from 12.11.18 to 16.11.18	NA	6990
2018	V G Meshram	attending STTP , ETABS structural analysis design software for building at NITTTR, Kolkata from 12.11.18 to 16.11.18	NA	6990
2018	K K Bhoyar	Attending GIAN STTP at VNIT Nagpur. from 2226 Oct. 18	NA	3000
2018	Bharat Sudame	Workshop on Power Electronics Technology for Renewable Energy and Microgrid held at VNIT, Nagpur from 03.12 to 08.12.2018	NA	3000
2018	Roshni S Khedgaonkar	Reg. Fee to Attend eight	NA	1100

		week FDP on Introduction to machine learning from 27.08.18 to 28.10.18 at NPTEL Nagpur		
2018	Ajay Bonde	Registration fee of STTP on Mechanical Manufacturing and monitoring using MATLAB (MMM 2018) from 06.12.18 to 11.12.18 at	NA	2000
2018	Jayant Giri	Registration fee of STTP on Mechanical Manufacturing and monitoring using MATLAB (MMM 2018) from 06.12.18 to 11.12.18 at	NA	2000
2018	Nilesh Sambhe	FDP on privacy and security at NIT Warangal from 03.12.18 to 08.12.18	NA	5135
2018	Rupa Fadnavis	Faculty Development Programme on blockchain Technology at KDK College of Engineering , Nagpur from 03.12 to 08.12.2018	NA	1125
2018	Ganesh Yenurkar	One Week FDP on Machine Intelligence Approaches Implementation held at Centre of Excellence Machine Intelligence Department of Information Technology , Design Manufacturing [NA	900

		IIITDM] Jabalpur from 26.11 to 01.12.2018		
2018	Shital Kewte	attend Short Term Training programme on Power electronics technology for renewable Energy Microgrid at VNIT during 3.12. to 8.12.18	NA	3000
2018	Pranay Shete	attend a Five Day Continuing education program on Advance Technologies in power engineering at NIT (REC) Warangal during 17.12. 2018 to 21.12. 2018	NA	4081
2018	Roshan Khonde	attend a Five Day Continuing education program on Advance Technologies in power engineering at NIT (REC) Warangal during 17.12. 2018 to 21.12.2018.	NA	4081
2018	Monali Wagh	Attending One Week selfSponsored Short Term Training Programme on Leveraging Information Modeling for Construction Engineering and Management held at VNIT, Nagpur from 03.12 to 07.12.2018	NA	2360
2018	Roshan Bhanuse	attending One	NA	900

		Week FDP on Machine Intelligence Approach Implementation workshop (IIITDM) Jabalpur from 2611 to 11218		
2018	Nish Sahu	Workshop on Power Electronics Technology for Renewable Energy and Microgrid held at VNIT, Nagpur from 03.12 to 08.12.2018	NA	3000
2018	Amruta Yadav	One week self-sponsored Short Term Training Program on Learning Information Modeling for Construction Engineering and management held at Civil Engineering Dept. VNIT, Nagpur	NA	2360
2018	Sachin Jain	One Week FDP on Block Technology organized by KDK College of Engineering, Nagpur from 03.12 to 08.12.2018	NA	1125
2018	Megha Dorle	reimburse course certification fees during NPTL online course session 201819	NA	1300
2018	M S Ghute	reimburse course certification fees during NPTL online course session	NA	1300

		201819		
2018	M L Keote	reimburse course certification fees during NPTL online course session 201819	NA	1300
2018	Yogita Dubey	reimburse course certification fees during NPTL online course session 201819	NA	1300
2018	Ganesh Yenurkar	Two day Workshop on fundamental Model and Simulation using mathematics held at Dept. of CT, YCCE from 29.06 to 30.06.2019	NA	750
2018	A V Patil	attend 1day professional development Programme, Structural Audit Nondestructive testing. on 30.06.2018 at Mumbai held by Techoenis, Engineering Council of India CIDC.	NA	8276
2018	Akshaykumar Meshram	attend Short term Course ,Probability Theory its Application to Problems in Engineering .during 04.06.2018 to 15.06.2018 held by Department of Mathematics IIT Roorkee, .	NA	3947
2018	Mabalika Adak	refund of Registration fee of STTP on	NA	2500

		Process Modeling and Simulation Using Matlab during 18 22 July 18 in VNIT, Nagpur		
2018	S S Gokhale	Registration fee of STTP on Recent Trends in power systems during 1620 July 2018 at VNIT.	NA	2000
2018	Akshaykumar Meshram	Registration fee to attend AICTE sponsored short term course at IIT Roorkee During	NA	5640
2018	Ajay Thatere	3rd International conference of Recent Trends in Electronics communication Technology held at Sri Venkateshwara College of Engineering Bangalore from 18.05 to 19.05.2019	NA	10121
2018	S V Rathakanthiwar	IEEE Nanotechnology Summer School 2018 organised by the IEEE NC SC JSC at Centre for Nanosilence and Engineering, Indian Institute of Science, Bangalore from 16.07 to	IEEE	14632
2018	Xma Pote	One Week Short Term Training Program on Recent Trends in Power Systems held at	NA	2000

		Electrical Engineering Department , VNIT Nagpur from 16.07 to 20.07.2018		
2018	Dhiraj Agrawal	The Ambuja Advance Concrete Mix Design Workshop from 30.07 to 31.07.2019 at Ambija Knowledge	NA	2000
2018	Dhiraj Agrawal	International conference on Smart Technologies for Energy, environment Sustainable Development 18 held at G Hraiosoni College of Engineering, Nagpur from 28.074 to 29.07.2018	NA	3000
2018	S P Raut	The Ambuja Advance Concrete Mix Design Workshop from 30.07 to 31.07.2019 at Ambija Knowledge	NA	2000
2018	Sagar Lachure	to attend Digital Skills Readiness Program Wipro Certified Faculty Work TalentNext as a Project Learning PBL and Java J2EE, Pune from 05.07 to 07.07.2018	NA	2904
2018	Prashant kamble	registration fee to attend smart Foundry workshop at VNIT from	NA	2000

		30.08.18 to 02.09.18. each Rs. 2000/		
2018	Prashant Shende	registration fee to attend smart Foundry workshop at VNIT from 30.08.18 to 02.09.18. each Rs. 2000/	NA	2000
2018	Sagar Lachure	reimbursement of TA and DA for Wipro TalantNext assessment on 25.05.18	NA	3256
2018	Chetan Gode	reimbursement of TA and DA for Wipro TalantNext assessment on 25.05.18	NA	3256
2018	S S Chavan	reimbursement of TA and DA for Wipro TalantNext assessment on 25.05.18	NA	3256
2018	Yogesh Nandurkar	Diamond Jubilee national Convention of IIIE and International Conference on role of Industrial Engineering in Industry 4.0 Paradigm Campus ITER Bhubaneswar from 27.09 to 30.09.2018	NA	6955
2018	Dhiraj Agrawal	Short Term Training Programme on Drawing, analysis and Design of Structures by limit State Method using Software held at NITTTR, Kolkatta from	NA	11165

		03.09 to 14.09.2018		
2018	R B Chadge	Diamond jubilees national convention of IIIE and International Conference on role of Industrial Engineering in Industry 4.0 Paradigm Campus ITER Bhubaneshwar from 27.09 to 30.09.2018	IIIE	6015
2018	R L Shrivastava	Diamond jubilee national convention of IIIE and International Conference on role of Industrial Engineering in Industry 4.0 Paradigm Campus ITER Bhubaneshwar from 27.09 to 30.09.2018	IIE	8170
View File				

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Training of Heart Saver	NIL	19/01/2019	19/01/2019	42	0
2019	Training of Heart Saver	NIL	02/02/2019	02/02/2019	26	0
2018	NIL	How to submit claim under "Pradhan Mantri	03/07/2018	03/07/2018	0	3

		Rojgar Protsahan Yojna" (PMRPY)				
2018	NIL	New fire fighting i n installatio n Program	21/07/2018	21/07/2018	0	30
2018	NIL	Building Positive Attitude at workplace	11/08/2018	11/08/2018	0	30
2018	NIL	Training of Heart Saver	17/11/2018	17/11/2018	0	26
2018	NIL	Training of Heart Saver	01/12/2018	01/12/2018	0	20
2018	NIL	Training of Heart Saver	15/12/2018	15/12/2018	0	27
2018	NIL	Training of Heart Saver	29/12/2018	29/12/2018	0	30
2019	NIL	Fire Training (Presentati on Mock Drill)	11/03/2019	11/03/2019	0	38
2019	NIL	Training on Advance ment in Library	12/04/2019	12/04/2019	0	1
2019	NIL	Training on MS Office	15/04/2019	16/04/2019	0	29
2019	NIL	Training on Motivatio n Stress Managemen	22/04/2019	22/04/2019	0	24
2019	NIL	Training on Written Communica	26/04/2019	26/04/2019	0	20
2019	NIL	Training on Computer H/W Networkin g	08/05/2019	09/05/2019	0	5

2019	NIL	Training of Heart Saver	16/05/2019	16/05/2019	0	16
2019	NIL	Training on Fire Safety	13/06/2019	13/06/2019	0	1
View File						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Workshop on Formation Attainment of COPO	2	27/06/2018	27/06/2018	1
Workshop on "Transformative Leadership"	1	31/08/2018	31/08/2019	1
Workshop on "Transformative Leadership"	2	01/09/2018	01/09/2018	1
National Seminar on Environmental Management : Challenges And Solutions	2	28/09/2018	29/09/2018	2
FDP on The Kalam Impact	3	25/06/2018	28/06/2018	3
Ministry of HRD, Govt. of INDIA Sponsored NPTELAICTE by IIT Madras FDP : On Line Course Name : Nature and properties of	1	06/08/2018	07/10/2018	63
On Line STTP Organized by IIT Kanpur : On Line Course Name : Basics of Special Theory of Relativity.	1	18/12/2018	08/03/2019	63
Transformative leadership	3	31/08/2018	01/09/2018	2
Seminar on	6	28/09/2018	29/09/2018	2

Environmental Management: Challenges and Solution:				
Workshop on process Modeling and Simulation using MATLAB	1	18/07/2018	22/07/2018	5
NPTEL on " Better Spoken English	2	28/01/2019	24/04/2019	86
STTP on Discrete Mathematics and Graph Theory using Python Programming	5	24/04/2019	26/04/2019	3
Workshop on Improving Technical Writing Skill	1	17/02/2018	10/03/2018	21
Mathematical Modeling and Numerical Simulation of various Engg. Problems in transport phenomena	1	02/07/2018	06/07/2018	5
STTP on Computational Methods on Integral and Differential equations	1	10/12/2018	16/12/2018	7
Workshop on Linear Algebra Group Theory and enumerative	2	23/12/2018	28/12/2018	6
NPTEL course on " Business Statistics"	2	10/01/2019	02/04/2019	92
NPTEL course on "Introduction to Abstract	1	13/08/2018	03/10/2018	51
STTP on Descriptive Statistics with R Software in Elite Silver	1	03/01/2019	09/04/2019	96

Workshop on Linear Algebra Group Theory and enumerative	2	23/12/2018	28/12/2018	6
Scientific Computations with Python (Python)	1	20/11/2018	25/11/2018	6
Machine Learning	2	10/12/2018	15/12/2018	6
Open source technologies	21	22/10/2018	27/10/2018	6
Privacy and Security	1	03/12/2018	08/12/2018	6
Improving Technical Paper Writing Skills (Itpwa 201819)	7	24/12/2018	02/01/2019	10
Machine Intelligence Approaches and Implementation	2	26/11/2018	01/12/2018	6
Designing New Virtual Lab Experiment	1	24/01/2019	24/01/2019	1
Web Application Security Audit (National Short Term Course)	1	07/01/2019	11/01/2019	5
Artificial intelligence applications using Python	1	03/05/2019	08/05/2019	6
Advanced trends and technologies in wired and wireless n/w	1	22/04/2019	27/04/2019	6
AICTE refresher course on Mitigation and finding the generic solution for Network security in	1	17/12/2018	22/12/2018	6
Recent Trends in Power System Dept. of Electrical	2	16/07/2018	20/10/2018	5

Engg. VNIT, Nagpur				
Power Electronics Technology for Renewable Energy and Micro grid Dept. of Electrical Engg. VNIT, Nagpur	3	03/12/2018	08/12/2018	6
Advanced technologies in power engineering, Dept. of EL, NIT Warangal 3 2	2	17/12/2018	21/12/2018	5
IoT. Dept. of CT, YCCE, Nagpur	1	10/12/2018	11/12/2018	2
Smart grid and distributed generation technologies NITTTR Chandigarh, Elect Engg Dept, MHRD , GOI	2	07/01/2019	11/01/2019	5
NITTTR Kolkata Elect Engg Dept, MHRD , GOI	2	07/01/2019	11/01/2019	5
Emerging Trends in Electrical and Electronics Systems. Dept of Elect Engg, VNIT, Nagpur under the aegis of TEQIP_III	2	11/02/2019	16/02/2019	6
Advances in power electronics and power system Dept of Electrical Engg., YCCE in association with IE(I) Nagpur local	7	18/02/2019	23/02/2019	6

center, Nagpur				
Designing new virtual lab experiment IITB, NMEICT, Dept of EL, YCCE, Nagpur	12	24/01/2019	24/01/2019	1
Latest trends in automation in industries RGCER, in association with IE(I) Nagpur local center, Nagpur	2	18/04/2019	20/04/2019	3
Training of teachers for student induction program, UGC, Western regional office, Pune, at IISER, Pune	1	06/06/2019	08/06/2019	3
Hands on training on STM 32bit microcontroller for power electronics systems Department of electrical Engg, VNIT, Nagpur	1	10/06/2019	14/06/2019	5
Renewable Energy and Project Management Department of Mech Engg, YCCE, Nagpur	8	24/06/2019	29/06/2019	6
FDP on GIS, Geo Spatial Technologies and ICT at VJTI, Mumbai	1	27/11/2018	02/12/2018	6
One Week FDP on Block Chain Technology	4	03/12/2018	08/12/2018	6
One Day FDP at TCS Nagpur	2	08/12/2018	08/12/2018	1
IEEE Nanotechnology	1	16/07/2018	20/07/2018	5

Summer School 2018 participated at Centre for Nanoscience and Engineering,				
Workshop on Transformative Leadership, Innovative Services	6	31/08/2018	31/08/2018	1
Workshop on Transformative Leadership, Innovative Services	2	01/09/2018	01/09/2018	1
NPTEL on line certification completing the course on An Introduction to Information Theory conducted by IIT Kharagpur	1	30/08/2018	04/09/2018	5
NPTEL on line certification completing the course on Introduction to Abstract and Linear Algebra conducted by	1	30/08/2018	05/10/2018	36
Workshop on Intellectual Property Rights and Innovation Theory	8	19/10/2018	19/10/2018	1
GIAN course on Functional MRI: Methods and Application for Medical Imaging	2	22/10/2018	26/10/2018	5
STTP on Smart Sensors and Systems: From Simple Sensing to Internet of Things (IoT) Cyber Physical Systems (CPS)	2	22/10/2018	27/10/2018	6
Oneweek Workshop on Advances in	2	10/12/2018	14/12/2018	5

Computer Networks (CAN2018)				
NPTEL on line certification completing the course on Digital Image Processing conducted by IIT Kharagpur	2	20/07/2018	09/10/2018	79
One Week AICTE recognised STTP on "Smart Sensors and Systems: from Simple Sensing to internet of things and Cyber Physical Systems (CPS)Antenna and Its Application" in IIT ,BHU (VARANASI)	2	22/10/2018	27/10/2018	6
one week workshop on3D Technology and Embedded Electronics in Shri Ramdeobaba College of Engineering and Management ,Nagpur	1	13/11/2018	17/11/2018	5
STTP onSignal and image Processing for Medical applications in VNIT,Nagpur	1	23/02/2019	24/02/2019	2
One week STTP on Advances in Computer Networks (ACN2018) in VNIT,Nagpur	1	10/12/2018	14/12/2018	5
One week STTP on Advanced Trends and Technologies in wired and Wireless Networks in Dept of IT	5	22/04/2019	27/04/2019	6

One week Refresher /induction program on Virtual simulation Environment for communication and embedded system design in Shri Ramdeobaba college of Engineering and Management	2	26/11/2018	01/12/2018	7
One week STTP on Artificial Intelligence Applications using Python in Dept of C.Tech ,YCCE,NSS(IIT	2	03/05/2019	08/05/2019	6
Six days STTP on Computer Vision Machine Learning Applications (CVMLA2019) in Department of ET,YCCE	2	10/06/2019	15/12/2019	6
STTP on Information retrieval (IR) and Machine Learning for IR TEQIP III held at VNIT ,Nagpur	1	17/06/2019	21/06/2019	5
12 week FDP course on "Digital image Processing " IIT,KHARAGPUR (NPTEL) 5	5	25/07/2019	01/10/2019	8
12 week FDP course on "Introduction to wireless and Cellular communications ",IIT.MADRAS (NP TEL)	5	29/07/2019	03/10/2019	6
FDP on "Improving	7	29/12/2018	05/01/2019	8

Technical Paper Writing Skills ,ITPWS201819 in RD Cell ,Meghe Group of institutions ,Nagpur				
FDP on 12 week course on "Modern Digital Communication Techniques "IIT,	1	10/01/2019	04/04/2019	84
One week FDP on DIGITAL VLSI DESIGN Verification in Department of ET, ,S.B.Jain Institute of Technology, Management Research	1	27/05/2019	01/06/2019	6
Wind Effects on Structures	3	29/10/2018	02/11/2018	4
Introduction to ETABS Structural Analysis and Design Software for Buildings	2	12/11/2018	16/11/2018	5
TEQIPIII, Course entitled Recent Trends in Industrial Pollution Control and	3	19/11/2018	23/11/2018	5
Leaving Information Modelling for Construction Engineering and management	2	03/12/2018	07/12/2018	5
Design and Evaluation of Flexible Pavements	3	03/12/2018	07/12/2018	5
TEQIPIII sponsored Five day Short Term Training Course on Road Safety audits road	7	17/12/2018	21/12/2018	5

safety Awareness				
Six Days Faculty Development Program on Improving Technical Paper Witting Skills,	4	05/01/2019	19/01/2019	15
Short Term Training Programme on Sustainable Practices and Advancement in civil Engineering	35	30/03/2019	05/04/2019	7
Workshop on Formation Attainment of COPO	2	27/06/2018	27/06/2018	1
Workshop on "Transformative Leadership"	1	31/08/2018	31/08/2018	1
National Seminar on Environmental Management : Challenges And Solutions	2	28/09/2018	29/09/2018	2
FDP on The Kalam Impact	3	25/06/2018	28/06/2018	4
Ministry of HRD, Govt. of INDIA Sponsored NPTELAICTE by IIT Madras FDP : On Line Course Name : Nature and properties of	1	06/08/2018	08/10/2018	56
EMobility and Innovations in Sheet Metal Forming	1	16/07/2018	20/07/2018	5
Additive manufacturing (Faculty) in association with ALTEM Technologies Pune	5	29/08/2018	02/09/2018	5

SMART Foundry	2	31/08/2018	02/09/2018	3
Machine learning for Manufacturing	1	29/09/2018	04/10/2018	7
Nagpur Startup Fest by Indian Council For Technical Research Development	3	06/10/2018	06/10/2018	1
Data analytics, optimization for process monitoring and performance	1	03/12/2018	07/12/2018	5
Diffraction and microscopy WDM 2018	1	25/08/2018	29/08/2018	5
Kalam Impact Phase II	37	01/07/2018	03/07/2018	3
Modern Manufacturing systems	31	18/02/2019	22/02/2019	5
Renewable energy Project Management	8	24/06/2019	29/06/2019	6
Ws on Linear Algebra and multivariate Calculus , VNIT, Nagpur	1	01/01/2019	05/01/2019	5
Seminar on Environmental Management: Challenges and Solution: YCCE Nagpur	2	28/09/2018	29/09/2018	2
Workshop on process Modeling and Simulation using MATLAB VNIT, Nagpur	1	18/07/2018	22/07/2018	5
STTP on Discrete Mathematics and Graph Theory using Python Programming and SAGE Math RGCER, Nagpur	4	24/04/2019	26/04/2019	3

Seminar on Environmental Management: Challenges and Solution: Seminar YCCE, Nagpur	6	28/09/2018	29/09/2018	2
Mathematical Modeling and Numerical Simulation of various Engg. Problems in transport phenomena IIT Roorkee	1	02/07/2018	07/07/2018	5
STTP on Computational Methods on Integral and Differential equations IIT, BHU, Varanasi	1	10/12/2018	16/12/2018	7
Workshop on Linear Algebra Group Theory and enumerative Combinatorics	2	23/12/2018	28/12/2018	6
Workshop on IMPROVING TECHNICAL WRITING SKILL YCCE, Nagpur	1	21/12/2018	24/04/2019	30
NPTEL on " Better Spoken English" IIT, Khargpur	2	28/01/2019	24/04/2019	86
NPTEL course on " Business Statistics" IIT, Roorkee	2	28/01/2019	24/04/2019	86
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
3	3	4	4

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. Mediclaim Policy from	1. Mediclaim Policy from	1. Financial Assistance to

ICICI Lombard for permanent teaching staff of the college. 2. 25 fee concession to the wards of employees of the college, studying in any School/College under Meghe Group of Institutions. 3. Financial assistance for participating in conference/STTP/Workshop within/outside India. 4. Grant of Incentive for proposals funded by Govt. Funding agencies. 5. In house Minor Project scheme (Financial Assistance) for Research/ Product Development work.

ICICI Lombard for permanent teaching staff of the college. 2. 25 fee concession to the wards of employees of the college, studying in any School/College under Meghe Group of Institutions. 3. Movie show for all NonTeaching staff of the college and their family.

students for participation in technical activities organized by Premier Engineering/Technical Institutions and Publications. 2. Policy with respect to Bright Student Identification Mentoring. 3. Policy with respect to the Academically weak student identification Mentoring for the Technical institutions of MGI. 4. Laptop Scheme to award during the study to the meritorious students of Engineering Institution under MGI. 5. Policy with respect to student industrial and Technical Exhibitions visit. 6. Policy for the charges to be collected on permitting student of MGI/NonMGI Engineering Institutions for conducting advanced practical. 7. Policy to motivate final year Engineering student to appear in GATE Examination. 8. Providing financial Assistance for final year UG/PG Project. 9. Initiative for creation of subject wise pool of experts - starting with difficult subject. 10. Policy for financial Assistance to be given for farewell of final year outgoing student. 11. Policy for tuition fee Waiver to detained student taking admission in the subsequent year. 12. Policy to ensure quality of final year UG project in Engineering Institutions. 13. Policy with respect to Invite the Visiting Professors at the Campus to mentor and interact with student/faculty. 14.

		<p>Providing financial assistance to departments for publishing Departmental magazine. 15. Policy with respect to the implementation of innovative Teaching-Learning (T.L) practices.</p>
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6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

It is the policy of the Board of Management to maintain an independent and objective Internal Audit function to provide value added audit and advisory services. Independent Auditors are appointed by Board of Management for carrying out Internal Audit function. Internal Audit has four primary responsibilities:

1. Financial and Management Information Integrity Provides the Board of Management and Principal with increased assurance that financial and other management information is accurate and credible.
2. Internal Control - Monitors and evaluates the effectiveness and efficiency of the Departments' internal control environment and processes.
3. Operational Improvements Evaluates operations to identify process improvement and cost savings opportunities for management and assists in communicating and implementing best practices within and between departments on campus.
4. Audit Coordination Coordinates internal audit programs with the Statutory auditors to ensure the economical and effective completion of the annual audit of financial statements.

AUTHORITY: In carrying out its duties and responsibilities, Internal Auditor will have full, free, and unrestricted access to all activities, records, property, and personnel that are under the purview of the Board of Management. Internal Audit shall be independent of the activities audited and shall assert no direct responsibility or authority over activities reviewed. Internal Auditors should not develop and install procedures, prepare records, or engage in activities that would normally be evaluated by Internal Audit.

PROCEDURES: Internal audits are performed in all significant areas of the College and are prioritized according to a risk based audit plan that is approved annually by the Board of Management. Additional reviews may be performed at the request of the Board of Management or Principal. HOD of Accounts, Establishment Stores sections are responsible for responding to the recommendations of Internal Audit promptly following receipt of a report containing those recommendations. Internal audit reports with findings, recommendations, and management responses are forwarded to the Finance Committee and Board of Management for review and approval prior to issuance. The status of HODs responses will be monitored by Internal Audit on a regular basis to ensure that audit findings are resolved in a timely and effective manner. Internal Auditor reports administratively and functionally to the Board of Management.

Study of the trust deed or regulations. Examine the previous financial statements. Noting of provisions applicable. Evaluation of internal control system. Examine the minute of the meeting and resolution. Verification of students fee register. Authorization for fee concessions. Verification of cashbook with respect of counterfoils of receipts and payments. Examination of capital fund regarding admission fees. Verify free studentship and concessions. Confirmation of fines for late payment or absence. Check hostel dues recovery. Verification of rental income or expenses. Examine the bank pass book of different nature. Verification of investment register and also ask about any interest and dividend from investment if any. Verify grants from any local bodies or Government with reference to memo or sanction letter. Reporting of

any arrears. Vouch counterfoils of receipts taken from donors. Confirmation of any deposits and caution money and its treatment. Examination of expenses for library books and sports equipment's. Checking of acknowledgement letter if any with regards to scholarship. Examination of payments with respect to prizes if any. Examine the salary register. Verify the Provident Fund Register. Check annual report with accurate supporting documents. Vouching of all establishment expenses. Vouch payment for electricity and water bill. Examination of payment for hostel maintenance and any other miscellaneous expenses. Inspection of facilities given to students under any schemes associated with Government. Verification of Fixed Assets Register. Verify ownership and existence of Fixed Assets. Confirmation of statutory compliance i.e. P.F., Income Tax etc. Verification of separate statements of accounts for different funds. Checking of calculation of salary payable and deductions. At last, cross check all procedure

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NIL
View File		

6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	VNIT, Faculty	Yes	es, NYSS,MGI'S Sister Concern Institute Faculty Members
Administrative	Yes	V. K. Surana	Yes	NYSS

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

<p>1. Feedback on our academic process implementation during the parent teachers meets once in every semester. 2. Suggestions for improvement in curriculum, infrastructure, OBE etc. 3. Active participation during various accreditation expert committee interactions.</p>

6.5.3 – Development programmes for support staff (at least three)

<p>1. Training on Building Positive Attitude at Workplace on 11.08.2018, participants 30 2. Training on MS Office on 15 16.04.2019, participants 29 3. Training on Motivation Stress Management on 22.04.2019, participants 24 4. Training on Written Communication on 26.04.2019, participants 20 5. Training on Computer Hardware Networking on 08 09.05.2019, participants 05 6. Training of Heart Saver on 16.05.2019, participants 16</p>
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6.5.4 – Post Accreditation initiative(s) (mention at least three)

<p>1. Annual Work Load Plan 2. NBA Accreditation of UG (06) PG (03) Programs 3. Departmental Perspective Plans 4. Solar Panels on the roof of buildings 5. Semester long internship along with final year project for B.E. IT students 6. Revision of Curriculum as per AICTE new model curriculum guidelines 7.</p>
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Inclusion of industry or research organization aligned professional elective course by every department 8. Impartus Scheme: Video recording of Live Lectures of the teachers during the class teaching and making it available to the students on the servers for offline use. 9. Online valuation of answer sheets of the End Semester Exam. Answer sheets. 10. Student diary to provide the attendance, mid semester exam, end semester exam. Performance to the students through the app. 11. Renovation and addition of physical and IT infrastructure, modernization of existing laboratories and establishing new laboratories in line with industry's requirements, establishment of centres of excellence (research laboratories) to provide a platform for research for both students and faculty

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Annual Work Load Plan for	02/07/2018	02/07/2018	31/05/2019	241
2018	4 Workshop Series on Outcome Based Education	02/07/2018	20/04/2018	05/07/2018	40
2018	NIRF Participation	02/07/2018	01/09/2018	31/12/2018	10
2018	NBA Accreditation Extension of 3 PG Programs	02/07/2019	01/08/2018	31/10/2018	100
2018	Video recording of live lectures of Faculty Members on IMPARTUS Platform	02/07/2018	01/12/2018	29/06/2019	32

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants
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			Female	Male
NIL	01/07/2019	28/12/2019	0	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
80 percentage of power requirement of the College is met by the renewable energy.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	5
Provision for lift	Yes	5
Ramp/Rails	Yes	5
Braille Software/facilities	No	0
Rest Rooms	Yes	5
Scribes for examination	Yes	5
Special skill development for differently abled students	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	0	0	01/07/2018	0	NIL	NIL	0
2019	0	0	01/07/2019	0	NIL	NIL	0

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Nagar Yuwak Shikshan Sanstha Service Rules, Bye Laws HR Manual	01/07/2018	Recruitment of staff, code of conduct, leave rules, lien, deputation, promotion, misconduct, disciplinary actions, etc. pertaining to staff are laid down in these service rules.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Tree Plantation	02/08/2018	14/08/2018	30
Donation camp for Kerala flood	24/08/2018	24/08/2018	25

affected people in YCCE campus			
Collective Recitation of Swami Vivekananda's speech delivered	11/09/2018	11/09/2018	115
AGNIPANKH - My Inspiration My Army - Guest Lecture on the condition of Indian army in Kashmir on the occasion of Air Force day	05/10/2018	05/10/2018	600
Awareness Camp about Rubela and MMR Vaccination	17/12/2018	17/12/2018	15
Celebration of National Youth Day - Birth anniversary of Swami Vivekanand - Guest lecture on Ethical Values of Swami Vivekanand and their applicability in today's era	14/01/2019	14/01/2019	300

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The three "R's i.e. Reduce, Reuse and Recycle policy has been adopted by creating the awareness amongst the students and faculty members 1. Ban on plastic bottles, plates, cups 2. Minimum use of electricity. 3. Planning for tree plantation program. 4. Less use of papers (Communications mainly through emails, mobiles, student diary, Whatsapp Groups, TV Display in the college etc,

~~5. Use of Solar Energy 6. Petrol partners scheme by students~~

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Practice I: Academic Enhancement and Monitoring Practice: Objective of the Practice
 o To enhance interest of students in learning
 o To improve teachings quality of faculty members
 o To make students and faculty aware about various facets of outcome based education
 o To promote self learning habits among the students
 o To bridge the curricular gaps through other alternatives
 o To ensure availability of students and faculty in the college
 o To improve results
 o To make faculty and students aware about technological developments in the world
 o To review effectiveness of the processes through audits and review meetings
 o To make the college a preferred place of learning
 Description of the Practice The process begins with drafting and finalization of academic calendar incorporating suggestions by the heads of department. The academic calendar is drafted considering time frame required for actual teaching, examinations, cocurricular and extracurricular activities, preparation leaves etc. To maintain transparency in evaluation special slots for verification of valued answer sheets by students is provided. The college has brought out extensive reforms in the TL Process. The college has an Academic Advisory Board

consisting of eminent educational personalities who have given right directions to upgrade overall standard of the college. The reforms brought out include: Setting up Department of Technology Enhanced Learning (DTEL) wherein PPT's for course delivery are prepared by concerned faculty which are validated through experts. For meaningful industry oriented projects a provision of taking coguides from reputed institution or industries is made and many such projects are being guided by experts. For UG as well as PG projects sufficient financial assistance is provided by the college. Online test have now become a common feature of the TL process. More focus is given on difficult to learn subjects wherein the services of good teachers are utilized by teaching some critical topics. Identification of weak students and motivating and guiding them for effective learning has given fruitful results. The evaluation process consists of two Mid Semester Examination each carrying 15 marks and End Semester Examination of 60 marks. The syllabus of a course is divided into 6 units (4 Units for some subjects) where equal weightage is given to all units. Special facility is given to students to learn some case topics of other disciplines through Free Electives offered at various levels. For all laboratory courses a system of continuous assessment is adopted. Efforts are made to bridge the curricular gaps through guest lectures, industrial visits, value added courses and assignments. The assignments are normally framed in such a way that the students develop habit of selflearning. Classroom teaching is treated as most important component by the college. Over last few years, the college has developed through enhancement of teaching skills by continuous review and follow ups. Teachers are expected to prepare and organize their lectures sticking to their teaching plans. Handouts are given to all students before starting of the session. Number of classes as stipulated in the teaching plan are engaged by the faculty. In case of emergencies they are required to engage extra classes also. After the class the faculty member is required to enter attendance and topic covered in the MIS Module developed. The engagement of classes and attendance is closely monitored by HoD's. This data is critically reviewed every month during the meeting of HoD's chaired by the Principal. After every evaluation attainment of CO's is calculated by respective faculty and corrective actions are proposed for subsequent academic session. The BoS in every department plays a major role related to modification/corrections required in syllabus and selecting examiners for various courses. During last few years, the college has given more emphasis on mentoring. We have a regular system of Mentors for PG programmes, they are the senior faculty members from NIT's and other reputed institution. By adopting Visiting Professor Scheme wherein senior faculty members from IIT's spent couple of days with faculty and students has significantly boosted the research outputs, quality of projects and creation of knowledge banks for effective teaching. Mentoring of new faculty members by senior faculty members is another important aspect stressed upon. The documentation of mentoring is also kept in welldefined formats. To upgrade the students with beyond curricular topics, special provision is made in teaching plan, other programmes are also organized and more importantly the college is organizing Spandan, the Paper Presentation Competition for last 15 years. Feedback has proven to be a major source for improvement of the process. Students Feedback is taken at Mid and End of Session to overcome lacunas in teaching and other aspects. ParentTeacher Meet, Feedback from Alumina's, Feedback from Employers and Exit Polls of passing out students are essential part of this process. Project Quality Assurance Initiative (PQAI) in welldefined process has upgraded quality of UG and PG projects. Every year the effectiveness of TL process is verified through department level assessment in welldefined format. The outcome of this is discussed at Management level and directions are given to further improve academic processes. After every academic year we conduct autonomy selfassessment in a welldefined format and many aspects of TL processes are covered under this assessment and corrective actions are proposed. The system of academic processes from its initiation to

completion with inclusion of reforms, regular reviews and audits has boosted the confidence of all stakeholders and thus we consider not only this as most important practice but also the best practice of the college. Practice II: Administrative Coordination and Review Practice: Objective of the Practice • To streamline the overall administration of the college. • To delegates specific responsibilities and authorities to competent person in handling administrative responsibilities. • To give authorities and power to functional heads to enhance their commitment for the development of the college. • To establish coordinating link among the functional heads to streamline the responsibilities and create teamwork for fostering challenging needs. • To create special team for execution of additional responsibilities for completion of work in defined time frame. • To review administration performance and initiate procedure / corrective action for preventing administrative lapse. Description of the Practices: In the college, Principal is the overall administration, monitoring the administrative as well as academic processes. R D being one of the prioritized area is looked after by the Director (R D). For effective linkage between administration and academic, there is a registrar who is basically from academic side. Special responsibilities are given to Dean (P D) and Dean (Academic Matter). The original Dean (III) T P posts are now upgraded as Director (Training) Director (Placement) signifies standard of college. For all seven engineering and three basic science department HoDs are looking after the academic as well as administrative works of the departments. The HoD also serves as chairperson of BoS, principally looking after academic and examination related issue. In addition to this various committees and subcommittees like Academic Committee, Exam Committee, Grievance Cell, etc. these are twelve committees and subcommittees under exam section. There are regular meetings with fixed agenda such as HoDs meeting, Departmental meetings and the meetings conducted by Directors and Deans. All important issues are also discussed with the management on regular interval wherein most of functional heads are invited to participate. Through these meetings appropriate steps are taken to avoid any

~~issues and enhance the confidence of stakeholders~~

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.ycce.edu/NAAC/AQAR/>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The institution recognizes that the quality of learning can never be isolated from laboratories to support activities of both faculty and students. The institution has been aiming to supports these activities along with world class learning environment. Hence two centre of excellence are established in the Mechanical Department. (Siemens Centre of Excellence and AVEVA Center of Excellence). YCCE has partnered with SIEMENS, India to impart quality training and education in Digital Manufacturing to the upcoming Mechanical Engineering students so that they can match their abilities with the industrial needs. AVEVA Center of Excellence in Association with AVEVA Technologies, Mumbai. This facility is useful for training students, staff and industry persons in the field of Plant Design Management System (PDMS). As a part of which, Department of Mechanical Engineering has already procured advanced equipment's and kits. No. of training programs are organized. Mechanical Department has established Industry Supported Lab in Association with Minar Hydro system Pvt. Ltd. MIDC Hingna. Under which Department Organised various training programs for ITI, Engineering Students. Computer Department Offers cutting edge technology Industry Aligned Electives in association with Global Logic (Mobile Operating Systems), Infosys (Business Intelligence and Applications), 6 Simplex Software

Solutions (Introduction to Geographical Information Systems), Crypto Forensic Technology (Cyber Forensics), Internet of Things (KICIT).

Provide the weblink of the institution

<http://www.ycce.edu>

8.Future Plans of Actions for Next Academic Year

Quality Assessment Accreditation • Submission of Compliance report to NBA for extension of Accreditation of 6 UG Programs • Submission of Application for NBA Accreditation of CT (UG) and Structural Engg. (PG) • Implementation of initiatives (DLA, DPP, CRT, VPS, MentorMentee, PQAI, Project Mentors, innovative TL methods) Faculty Development Initiatives • SWAYAM/NPTEL Certification by Faculty • Permission to the Faculty for pursuing higher education • Teachers registration as PhD supervisors • Participation of Faculty in STTP/FDP/Workshops • Consultancy by departments as per assigned targets to fulfil the requirements of NBA/NAAC • Faculty Recognition, Achievement • Faculty Lecture Video Recording: Impartus Scheme Student Development Initiatives • Organization of various Student Development Activities under Professional Society Chapters, Value Added Courses • Guidance Expert Lectures for Competitive Examinations preparation through GATE Clubs • Visit of Students to Institute of Eminence/Research Labs • Development of eResources: Question Banks Solution Sets • Practicing Innovative Methods in Teaching and Learning • SWAYAM/NPTEL Certification by Students • Workshops on IndustryAcademia innovative practices Entrepreneurship • MOOCS Courses to be offered by the department • Offering Industry Aligned Courses/Research Organization aligned courses • Carrier Guidance (CRT, Mock Interviews, Aptitude Tests etc.) • Students performance in Sports Cultural Activities R D Activities • Quality Paper Publications in SCI, SCOPUS, Web of Science, UGC Notified Journals and Reputed Conferences (Indexed) • Increasing paper citations count papers with 10 citations • Workshops/Seminars on IPR • Book/Book Chapter and Monograph Publication • Patent Copyright Proposal Submission • Submission of Proposals to Funding Agencies • Faculty/Students visits to Research Institutes/ Industries • Startups ideas incubation in Incubation Center • Increasing PhD scholars registration under supervisors • Teachers recognition as PhD supervisor • Research Lab Linkages for Collaborative Research/Joint Projects InstituteIndustry Interaction • Industry involvement in development activities (Co-guides for Projects, Joint Projects, Joint Publications, Resource Person for CDW FDP/STTP, Syllabus Content Delivery) • Industry Linkages through Industrial Tours/Visits etc. • Offering Industry Aligned Open Elective Courses • Centre of Excellence in the departments • Industry supported labs. establishment • Industry based training programs for students Interaction with Stakeholders • Interaction of the management with the Students • Alumni Meet Alumni involvement in departmental activities • Parent Teacher Meet as per academic calendar • Interactions with Recruiters/Employers Extension Activities • Participation of Students in NSS/NCC Events • Blood, Book/Cloth Donation Camp • Orphanage Visit Initiatives for EcoFriendly Campus • Green Measures: Tree Plantation, Rain water harvesting • Installation of Solar Energy panels on the roof of buildings • Automation of Academic Processes • Save Water Electricity Other Activities • ESE Result declaration within 15 days from last date of exam. • Online Student Feedback Analysis, ATR display on Notice Boards for information to Stakeholders. • New Experimental Setups establishment in labs. • Student Campus Placement with good salary package • New MoU's with national/international recognized bodies. • Feedback from Employers Alumni on

Curriculum