



Tulsiramji Gaikwad-Patil College of Engineering & Technology

Wardha Road, Nagpur-441 108

NAAC Accredited

Internal Quality Assurance Cell

Annual Quality Assurance Report (AQAR 2016-17)

Submitted to

**National Assessment and Accreditation
Council (NAAC)**

2016-17

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

Part – A

I. Details of the Institution

1.1 Name of the Institution

Tulsiramji Gaikwad-Patil College of Engineering and Technology,
Nagpur

1.2 Address Line 1

Khasara No. 8/1 PSK 74 NH-7, Mohgaon

Address Line 2

Wardha Road, Nagpur

City/Town

Nagpur

State

Maharashtra

Pin Code

441 108

Institution e-mail address

principal@tgpcet.com

Contact Nos.

9763711372

Name of the Head of the Institution:

Dr.G.K.Awari

Tel. No. with STD Code:

Tel: 0712 – 2240656

Mobile:

9922966173

Name of the IQAC Co-ordinator:

Dr. Roshni Singh

Mobile:

7774050428, 8888895408

IQAC e-mail address:

iqac@tgpcet.com

1.3 NAAC Track ID (For ex. MHCOGN 18879)

MHCOGN26038

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

EC(SC)/17/A&A/43.1 DATED 16 SEP 2016

1.5 Website address:

www.tgpcet.com

Web-link of the AQAR:

<http://www.tgpcet.com/AQAR2016-17.doc>

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.35	2016	5 years
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

27/10/2014

1.8 AQAR for the year (for example 2010-11

2016-17

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011))

- i. AQAR _____ (DD/MM/YYYY)4
 ii. AQAR _____ (DD/MM/YYYY)
 iii. AQAR _____ (DD/MM/YYYY)
 iv. AQAR _____ (DD/MM/YYYY)

1.10 Institutional Status

University State ☐ Central ☐ Deemed ☐ Private ☐

Affiliated College Yes ☒ No ☐

Constituent College Yes ☐ No ☒

Autonomous college of UGC Yes ☐ No ☒

Regulatory Agency approved Institution Yes ☒ No ☐

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education ☒ Men ☐ Women ☐

Urban ☒ Rural ☐ Tribal ☐

Financial Status Grant-in-aid ☐ UGC 2(f) ☒ UGC 12B ☐

Grant-in-aid + Self Financing ☐ Totally Self-financing ☒

1.11 Type of Faculty/Programme

Arts ☐ Science ☒ Commerce ☐ Law ☐ PEI (Phys Edu) ☐

TEI (Edu) ☐ Engineering ☒ Health Science ☐ Management ☒

Others (Specify)

Nil

1.12 Name of the Affiliating University (for the Colleges)

Rashtrasant Tukadoji Maharaj
Nagpur University, Nagpur

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	NIL		
University with Potential for Excellence	NIL	UGC-CPE	NIL
DST Star Scheme	NIL	UGC-CE	NIL
UGC-Special Assistance Programme	NIL	DST-FIST	NIL
UGC-Innovative PG programmes	NIL	Any other (<i>Specify</i>)	AICTE-SPDP
UGC-COP Programmes	NIL		

2. IQAC Composition and Activities

2.1 No. of Teachers	8
2.2 No. of Administrative/Technical staff	2
2.3 No. of students	3
2.4 No. of Management representatives	1
2.5 No. of Alumni	2
2. 6 No. of any other stakeholder and community representatives	2
2.7 No. of Employers/ Industrialists	2
2.8 No. of other External Experts	1
2.9 Total No. of members	21
2.10 No. of IQAC meetings held	10

2.11 No. of meetings with various stakeholders: No. Faculty
 Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes ☐ No ☒

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

Department of Computer Science & Engineering	<p>3rd International Conference on International Conference “TechSoft-17” Inaugurated by Mr. Preet Prasanna, Head of Engineering, Bhilippar, Bangluru..</p> <p>Workshop on</p> <ul style="list-style-type: none"> “Rational Rose S/W” by Mr.Prajwal Dhore Persistant System, Nagpur on 24th Sep. 2016. “Big Data Analytics” by Mr.Aneesh Dhabaliya Persistant System, Nagpur 27th June to 1st July 2016. <p>Technical Event on: Technical Paper Presentation “EUREKA-17” speaker Mr. Govardhan Rakhade, Marketing Executive, Linux Development Centre, Nagpur</p> <p>Seminar on</p> <ul style="list-style-type: none"> “Recent Trends In IT” by Mr. Waman Patle CMS It Service Pvt. Ltd, Nagpur on 2nd August 2016 “Future scope in S/W development” by Mr. Gutam Sontake Director , GR Solution Pvt. Ltd., Nagpur on 22nd Sep. 2016 “Networking Tool” by Mr.Raj Arora Director Revat Network Pvt. Ltd, Nagpur “Big Data and Hadoop Technology” by Mr.Gaurav Channe Senior Software Developer India Active Software INCL Nagpur <p>Guest Lecture on</p> <ul style="list-style-type: none"> “Demonstration on Configuration of LAN, WAN Network” by Mr. Raj Arora, CEO, Revat Network, Nagpur on 22nd January 2018
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	<ul style="list-style-type: none"> • “Intellectual Property Rights (IPR’s)” by Mrs. Chhaya Satpute, Sr. Documentation Officer, RGNIIPM, Nagpur, on 11 August 2017 • “Entrepreneurship Development” by Mr. Pradeep Raut, Head of HR KEC International, Buttibori • ”Industry Expectation from IT Engineers ” by Mr. Tejas Patellia Senior Software Consultant Nagpur <p>Industrial Visit to</p> <ul style="list-style-type: none"> • Industrial visit to CMS IT Services Pvt. Ltd Nagpur on 28th Jan. 2017. • “Industry Visit to K.P. Solutions Pvt. Ltd. Nagpur on 27th Aug 2016. • Revat Networks, Nagpur on 28th Jan 2017. • Karnawati Engineering Limited, Ahmadabad on 2nd Jan 2017.
Department of Electronics & Communication Engineering	<p>3rd International Conference on</p> <ul style="list-style-type: none"> • International Conference “Techotronics-17” Inaugurated by Mr.S.Sonaskar, Director, VS Infomatics,Nagpur and Mr.Manish Karendekar,Director, JIGYASA Inovations Pvt.Ltd.Nagpur <p>Workshop on</p> <ul style="list-style-type: none"> • “VSAT satellite Communication ” by Mr.Roshan Kamble, Airport Director (ATM/CNS) ATS In Charge, Dr.B.A.I.Airport, Nagpur on 31st March 2017 to 1st April 2017 • “Industrial Robotics, Cloud Technology and Information Security” by Mr.Anil Tatode Training Officer,Industrial Automation PLC and SCADA,Obero Center for Excellence Nagpur on 2nd February 2017 <p>Guest Lecture on</p> <ul style="list-style-type: none"> • “Internet of Things with Android, Arduino and Ethernet Sheild” by Mr.Pushkar Vaidya, Branch Manager, Infotech Pvt. Ltd on 9th February 2017 • “Latest Job Opportunities in Telecom Sector” by Mr. Sandeep Sonaskar Director , V.S Informatics Pvt. Ltd., Nagpur on 1st September 2016 • “On Latest Trends in Solar System and Government Policies” by Mr. Sandeep Sonaskar ,Director ,V.S Informatics Pvt. Ltd. Nagpur on 24th August 2016 • “On Internet of Things (IoT) using Raspberry Pi” by Mr.Swapnil Katole Sr.Project Engineer, Technovision, Nagpur on 22nd July 2016 <p>Industrial Visit to</p> <ul style="list-style-type: none"> • Industrial visit to Jubilant Food Pvt. Ltd MIDC, Butibori, Nagpur on 21st March,2017 • Industry Visit to Sonali Transformation Pvt.Ltd MIDC Hingna,Nagpur on 30th September, 2016. • Industry Visit to Hi-Tech Resistor Pvt.Ltd. MIDC Hingna,Nagpur on 27th

	<p>August,2016</p> <ul style="list-style-type: none"> • Industry Visit to PIX Transmission,MIDC on 27th August,2016 • Industry Visit to Morarji Industries,MIDC Butibori,Nagpur 20th August,2017
IT Department	<p>3rd International Conference on</p> <ul style="list-style-type: none"> • International Conference “Techsoft-16” Inaugurated Mr.PreetPrasanan, Head, Engineering Division, Flicker Ltd., Banglore and Dr. Arjun Mane, Associate Professor, Institute of Digital Forensic, Govt. of India on 17th to 18th February 2017. <p>Workshop on</p> <ul style="list-style-type: none"> • One day workshop on “IBM Rational Rose and its implementation in SDLC” by Mr.Prajwal Dhore, Persistant System,Nagpur (University, Rajkot) on 22nd September 2016. • Two days workshop on “Outcome Based Accreditation and NBA Processes” by V. S. Bandal on 10th-11th December 2016. <p>Guest Lecture on</p> <ul style="list-style-type: none"> • Guest Lecture on “Industry Expectation from IT Engineers” by Mr. TejasPateliya, Senior Software Developer, Delaplex Software Pvt. Ltd., Nagpur on 18/01/2017 • Guest Lecture on “Advance Java” by Mr.Yogendra Singh Rajput,CEO, VANARA Soft Technologies Pvt. Ltd.)on 01/02/2017. • Guest Lecture on "Android System" by Mr.PrabuddhhaSanyal, ITNetworkz Pvt. Ltd. on 04/01/2017. • Guest Lecture on "Android Application Development" by Mr. MohseenQuereshiAdex Labs Pvt. Ltd., Nagpur on 21/09/2016 • Guest Lecture on "Networking" by Mr. PrabuddhhaSanyal, IT Networkz Pvt. Ltd. on 08/10/2016 • Guest Lecture on Big Data Analysis by Mr. SomilDeshmukh, Persistent Systems Pvt. Ltd. on 31/08/2016. <p>Industrial Visit to</p> <ul style="list-style-type: none"> • Virag Micro Systems Pvt.Ltd.on 01/10/2016 • Parle Products Pvt. Ltd.(Automated) on 29/08/2016 • I.T Networkz Pvt.Ltd. Nagpur. on 21/09/2016
Civil Department	<p>3rd International Conference on:</p> <ul style="list-style-type: none"> • International Conference on Emerging Trends In Civil Engineering (ICETCE-17) on 17th February 2017. <p>Guest Lecture on:</p> <ul style="list-style-type: none"> • Role & Opportunites of Civil Engineer In Goverment Sector” explored by Er.

	<p>Ashish Thakur to the Civil engineering Students in association with students chapter of Institution of Engineers, India on 12th August, 2016.</p> <ul style="list-style-type: none"> • “Building Estimating & Costing by using Quantity takeoff (QTF)” explored by Er. Shruti Wazalwar to the Civil engineering Students in association with students chapter of Institution of Engineers, India on 23th August 2016. • Highway & Structures In Transportation Engineering” explored by Er. Karan Singh to the Civil engineering Students in association with students chapter of Institution of Engineers, India on 30th August 2016. • “Latest Trends in Civil Engineering” explored by Er. Preeti Shukla to the Civil engineering Students in association with students chapter of Institution of Engineers, India on 13th September 2016. • Preparation For Civil Services” explored by Er. Ashish Aiyyar to the Civil engineering Students in association with students chapter of Institution of Engineers, India on 31th January 2017. • “Personality Development” explored by Mr. Sameer Alone to the Civil engineering Students in association with students chapter of Institution of Engineers, India on 1st March 2017. <p>Industrial Visit on:</p> <ul style="list-style-type: none"> • Civil Engineering students Site Visit at RMC Batching Plant at Hingana, Nagpur Under Indian Society of Technical Education on 27th August, 2016. • Technical visit at Water Resource Department (Hydrological Division) under students chapter of Institution of Engineers (India) (IEI) of Civil Engineering Department on 27th August 2016. • Civil Engg students Educational Tour at Bhandewadi Waste Water Treatment Plant on 13th February 2017. • Technical visit at Pench Project under students chapter of Institution of Engineers (India) (IEI) of Civil Engineering Department on 16th February 2017.
Mechanical Department	<p>3rd International Conference on</p> <p>International Conference TECHTANTRA-17 (17th-18th February 2017)</p> <p>Resource persons Dr. Sanjay Rajurkar (Govt. Polytechnic, Nagpur), Mr. Dhanraj Tamgire (Manager, ESSAR Oil Ltd, Mumbai.) and Dr. P.N. Belkhode (Laxminarayan Institute of Technology, Nagpur.)</p> <p>Guest Lecture on</p> <ul style="list-style-type: none"> • “CAD/FEM” by Mr. Nitesh Mahule, CAD/CAM Guru, Nagpur Centre on 04 April 2017 • “Automobile Engineering” by Mr. Nikhil Khalpaykwar, Regional head, KMZ Automotive, Pune on 12 Feb 2017

	<ul style="list-style-type: none"> • “Advance Manufacturing Technology with Tool And Die Design”by Mr. Gyanprakash Verma ,Manager at II PDM, Nagpur on 7th Sept.2016 • “CAD And CAE”by Ms. Shruti Wazalwar, Director of CAD Center, Nagpur on 28th Aug.2016 • “Career Development and Guidance for PSU Preparation and GATE preparation”by Mr. Akash Jaiswal, Placement Trainer Of ICE GATE Institute, Nagpur on 12th Aug.2016 <p>Workshop</p> <ul style="list-style-type: none"> • “CNC Programming and GD&T organized by Mechanical Department resource person Mr. Amol Khichade , KEC International Ltd, Butibori, Nagpur on 21st and 22nd june 2017 • “CNC Technology: Programming and its Application in Industry” by Mr. Amol Khichade , KEC International Ltd, Butibori, Nagpur on 23rd and 24th March 201 • 3D Printing Animation by Mr. Surendra Chopde, In charge of CAD /CAM Guru, Nagpur on 26th May 2017 <p>Technical event</p> <ul style="list-style-type: none"> • National level Event DEBCOM -16 Inaugurated by Mr. Akash Jaiswal, Placement Trainer Of ICE GATE Institute, Nagpur on 24th Sept. 2016 <p>Industrial Visit to</p> <ul style="list-style-type: none"> • Technocrats India Pvt. Ltd., MIDC Hingna, Nagpur on 27th Aug. 2016 • M/s Sanghavi Industries Ltd., Five Star MIDC, Butibori on 3rd Sept. 2016 • Heat Treat Well Pvt. Ltd., MIDC Hingna, Nagpur on 10th Sept. 2016 • Kinetic Gears Pvt. Ltd., MIDC Hingna, Nagpur on 10th Sept. 2016 • Garud Yatra Pvt. Ltd., MIDC Hingna, Nagpur on 10th Sept. 2016 • Quick Industrial Suppliers Ltd., C-119/120,MIDC, Butibori on 21st Jan. 2017 • Dulcos Conveyor Pvt. Ltd., MIDC Hingna, Nagpur on 21st Jan. 2017 • Duraweld Metsys Pvt. Ltd., MIDC Hingna, Nagpur on 21st Jan. 2017 • Amit Asha Enterprices Ltd. U-36, Nildoh Village, Hingna MIDC, Nagpur on 11th Feb.2017
Electrical Department	<p>3rd International Conference on</p> <ul style="list-style-type: none"> • International Conference on Recent Trends in Electrical Engineering inaugurated by Mr.S.D.Shinde, Ex.G.M. Maha GENCO, Nagpur and Dr.D.K.Dixit, Professor, VNIT, Nagpur on 17th February,2017 and 18th February,2017 <p>Guest lecture on</p> <ul style="list-style-type: none"> • Guest lecture on Super Capacitor by Dr.S.G.Tarnekar, Professor G.H.Raisoni College of Engineering, Nagpur on 31/01/2017.

	<ul style="list-style-type: none"> • Guest lecture on Solar generator on roof top by Dr. G.H.Agrawal, BOS Chairman, RTMNU, Nagpur on 12/01/2017 • Guest lecture on Super Critical Boiler by Dr. D.K.Dixit, Professor VNIT, Nagpur on 21/07/2016. • Guest lecture on SCADA & PLC by Mr.G.V.Gotmare, Lecturer, Government Polytechnic, Nagpur on 18/08/2016. • Guest lecture on Super Thermal Power Plant by Mr. S.D.Shinde, S.E (O&M),MSEB, Nagpur on 15/09/2016. • Guest lecture on Social Awareness by Ms. Archana Srivastava, Secretary, UPAY, Nagpur on 31/01/2017. • Guest lecture on Metro Rail Erection & Commission by Mr. Kadu, Cheif Manager Metro Rail, Nagpur on 22/03/2017. • Guest Lecture on Recent Development in Electrical Machines by Mr. Anil Palamwar, Ex.Director, MSEB on 05/04/2017. <p>Industrial Visit</p> <ul style="list-style-type: none"> • Pench Hydro Electric Project, Pench on 20/02/2017 • Agro Rice Automation System, Bramhapuri on 12/01/2017 • Brilliant Salt Refinery Plastics on 29/12/2016 • SMS Transformer Installation Ltd, South India on 28/12/2016
MBA Department	<p>3rd International Conference on</p> <ul style="list-style-type: none"> • ACUMEN-17, An International Conference on “Encouraging innovation and Entrepreneurship in Engineering Education, Global Partnership for Best Practices, Policy framework for Government & Quality Enhancement” organized by MBA department of Tulsiramji Gaikwad-Patil Collge of Engineering and Technology on 17th and 18th Feb.2017. <p>Workshop on</p> <ul style="list-style-type: none"> • A Two days workshop on “Career Guidance” Organized by MBA department on 22nd and 23rd Feb.2017. <p>Guest lecture on</p> <ul style="list-style-type: none"> • Leadership & Interpersonal Skill Development & Quality Standard by Mr. Praveen Poonia asst. Vice President – Technical Services, Indoworth India Ltd. On 26th October 2016 • Procurement Process, Vendor Selection and Inventory Management by Mr. Nikhil Gupta Sr. General Manager – Purchase, Indoworth India Ltd., Butibori on 26th October 2016 • Social welfare and Labour Laws by Mr. R. K. Dhiman, Assistant Vice President – P&A, Indoworth India Ltd., Butibori on 15th October 2016. • Mind Power by Mr. Jayant Gedam, Trainer, Mind Power Academy, Nagpur

	<p>on 22nd September 2016</p> <ul style="list-style-type: none"> • Procurement Process, Vendor Selection and Inventory Management by Mr. Nikhil Gupta Sr. General Manager – Purchase, Indoworth India Ltd., Butibori on 28th January.2017 • Leadership & Interpersonal Skill Development & Quality Standard by Mr. Praveen Poonia asst. Vice President – Technical Services, Indoworth India Ltd. on 28th January 2017 <p>Industrial Visit organize</p> <ul style="list-style-type: none"> • To Indoworth India Ltd. Butibori (12/10/2016) • To Shivam Foods Pvt. Ltd.(Parle-G). (22/09/2016) • To Dinshaws Dairy Foods Ltd. (03/02/2017)
MCA Department	<p>3rd International Conference on</p> <ul style="list-style-type: none"> • International Conference “Techsoft-17” on 17th -18th February 2017 <p>Guest lecture on</p> <ul style="list-style-type: none"> • Guest Lecture on ‘Three Tier Architecture using ASP.NET’ by Mr. Krishna Chandak from IT HOUSE Pvt. Ltd. Nagpur on 27/08/2016. • Guest Lecture on ‘Software technologies’ by Mr. Milind Bhurewar from Quest Technology Pvt. Ltd. Nagpur on 10/09/2016 <p>Industrial Visit</p> <ul style="list-style-type: none"> • To Networkz Infosystem Pvt. Ltd., Nagpur on 03/09/2016. • To Vernasoft Pvt. Ltd, Nagpur on 21/01/2017

2.14 Significant Activities and contributions made by IQAC

- 3rd International Conference organized on “Recent trends in Engineering.”
- Introduction of new laboratories in various Departments.
- Microteaching Sessions were conducted for improvement of teaching
- Value addition Programmes/ career oriented technical training programme for students to improve their technical acquaintance
- Orientation programme was conducted for newly recruited faculty members
- Orientation programme conducted for First year students
- Academic Audit conducted
- Encouraged T&P for placement of students in core sector and with good pay packages
- Interaction with industries for carrying the activities of Career planning, Guidance, training and placement activities.
- Improved ICT facilities
- Encouraging Students for Industrial visits to understand and to gain the knowledge of new concepts.
- Encouragement is given to Students to participate in different events like Sports / NSS activities.
- Faculty members are encouraged to undergo training programmes in Industries and IIT's for technology advances

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality Enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
Knowledge oriented teaching methodology	Improvement in the Knowledge and score of individual student and improvement in placement ratio.
Introduction of New Laboratories	New Laboratories were introduced in various Departments
A short Term Skill Development Programme organized from expert of National Power Training Institute (Ministry of Power, Govt. of India) for 3 days with an	The Industrial exposure was achieved for final year students and many students were placed

Industrial Visit at their plant for staff & Students	
Academic Audit Pre-Session and Post session	Pre Session and Post Session Academic audit is Conducted by Inter-department faculty experts and verified the existing processes
Submitting Research proposals to various funding Agencies.	Submitted proposals of FDP, STTP, Modrob, SG etc to various funding agencies like AICTE,DTE
Internship facility for students	Winter & Summer 1 month internship for students
Conduction of International / National Conferences / STTP / Workshops / Seminars etc.	3 rd International Conference on “Recent trend in Technology’

** Attach the Academic Calendar of the year as Annexure.*

Academic Calendars provided in Annexure I

2.15 Whether the AQAR was placed in statutory body Yes ☒ No ☐

Management ☒ Syndicate ☐ Any other body ☐

Provide the details of the action taken

Minor modifications suggested and AQAR was approved in Internal Quality Assurance Cell (IQAC) meeting.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD				
PG	7		7	
UG	7		7	
PG Diploma				
Advanced Diploma				
Diploma	4		4	
Certificate				
Others				
Total	18		18	
Interdisciplinary				
Innovative				

- 1.2 (i) Flexibility of the Curriculum: CBCS[√] / Core / Elective option[√] / Open options[√]
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	18 (All programs)
Trimester	
Annual	

- 1.3 Feedback from stakeholders* Alumni ☒ Parents ☒ Employers ☒ Students ☒
(On all aspects)
- Mode of feedback : Online ☐ Manual ☒ Co-operating schools (for PEI) ☐

**Please provide an analysis of the feedback in the Annexure*

- 1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Choice Based Credit System for Post Graduate Programmes from session 2016-17

- 1.5 Any new Department/Centre introduced during the year. If yes, give details.

No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
177	170	05	02	Nil

2.2 No. of permanent faculty with Ph.D.

07

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
29	0	2	0	0	0	0	0	31	0

2.4 No. of Guest and Visiting faculty and Temporary faculty

00

28

00

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	42	43	01
Presented papers	48	19	01
Resource Persons	00	01	00

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Pedagogical Methods of effective teaching-learning were introduced
- SMART and Virtual class Room were made available for students
- Online MCQ-Test was Introduced
- NPTEL Lectures of Faculty members were prepared and available on YouTube for Students.
- Microteaching sessions were conducted for faculty to improve the teaching skills
- STTP, Seminars, Guest lectures, Industrial Visit and workshop were Conducted
- Tutorials designed to develop strong foundation and practices
- Technical, Analytical skill development, GD / PI sessions were conducted for Final year students as a part of pre placement activity.
- Use of Power Point and multimedia tools.

2.7 Total No. of actual teaching days during this academic year

220 (115+105)

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Online Multiple Choice Questions, Open Book Exam,

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

07

2.10 Average percentage of attendance of students

80-90%

2.11 Course/Programme wise distribution of pass percentage:

Under Graduate Programmes

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
BE Computer Science & Engineering (Final Year)	47	28.8%	60%	11.11%	0%	95.74%
BE Civil Engineering (Final Year)	57	10.53%	71.93%	1.75%	0%	84.21%
BE Electronics & Communication Engineering (Final Year)	34	2.94%	96.96%	0%	0%	97.05%
BE Electrical Engineering (Final Year)	55	12.72%	60.00%	10.09%	0%	83.64%
BE Electronics Engineering (Final Year)	17	27.78%	41.17%	5.88%	0%	74.83%
BE Information Technology (Final Year)	21	4.76%	76.19%	0%	0%	80.95%
BE Mechanical Engineering (Final Year)	95	2.10%	72.63%	2.10%	0%	76.84%

Post Graduate Programmes

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Master of Computer Applications	26	0%	100%	0%	0%	100%
Master of Business Administration	19	31.58%	0%	0%	0%	31.58%
M.Tech in Computer Science & Engineering	15	6.66%	80%	0%	0%	86.66%
M.Tech in Electronics (Communication)	14	14.28%	71.24%	7.14%	0%	92.85%
M.Tech in Integrated Power System	19	15.79%	84.21%	0%	0%	100%
M.Tech in Structural Engineering	14	7.14%	92.86%	0%	0%	100%
ME in Wireless Communication & Computing	07	71.42%	28.57%	0%	0%	100%

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

- Analyzing the student's feedback in Theory and practical
- Organizes guest lecturers/seminars/workshops to cover the topics beyond syllabus
- Campus Recruitment Training conducted for students
- Arrange training programs/Faculty Development Program/Induction Program for faculty and students.
- Use of ICT tools in syllabus coverage.
- Use of pedagogical techniques in teaching-learning
- Encouraging industry visits and student internship at industry.
- Encouraging industry based projects.
- To use Innovative Teaching learning methodologies.
- Monitors the syllabus coverage as per the lecture schedules and number of periods engaged.
- Monitors the number of experiments prescribed and conducted in each laboratory and the experiments beyond the syllabus.
- Every Department has its Programme Educational Objectives, Programme Specific Objectives and Programme Outcomes based on vision and mission of the Department in line with the vision of the Institute. Outcomes are framed for every course. Indirect methods include student feedback, course end survey, exit feedback, alumni feedback etc. Based on the feedback of the student's course end survey, exit feedback, alumni feedback proper actions are initiated.
- Evaluates the Teaching & Learning processes based on the assessment and attainment of the Programme Outcomes of every Department.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	5
UGC – Faculty Improvement Programme	4
HRD programmes	1
Orientation programmes	15
Faculty exchange programme	Nil
Staff training conducted by the university	2
Staff training conducted by other institutions	5
Summer / Winter schools, Workshops, etc.	73
Others	Nil

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	94	Nil	6	2
Technical Staff	27	Nil	2	2

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- To cultivate strong research culture amongst faculty members and students.
- To embed research in all levels of academic activities.

In order to achieve this following initiatives / actions are undertaken

1. Incentives and Motivation for Pursuing Higher Studies:

- Faculty member of the college are allowed to pursue Part-Time PhD and Full -Time Ph.D
- Faculty members those are pursuing Full time PhD may get lien up to the completion of Ph.D

3. Other initiatives:

- Faculty members are encouraged to participate in Seminars, Workshops conducted by Premier institutes / industries / R&D organizations
- Faculty members are deputed in NABL for 1 week training
- Organize conferences and seminars, undertake research activities and submit research proposals to AICTE, DST etc
- Students are encouraged to pursue projects based on research outcomes published in UGC approved journals and participate in National and International conferences.
- Students are also provided opportunities to carry out industry associated / sponsored / assisted projects in the curriculum.
- Online journal subscriptions are accessible by the students as well as faculty for research, available in central library.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	Nil	1. SPDP on skill and personality development programme entre for SC/ST students	<p>1. MODROB on Advance Very Small Aperture Terminal (VSAT) Communication.</p> <p>2. MODROB on Computer Aided Design of Circular micro strip patch antenna.</p> <p>3. MODROB on Upgradation of Automation Laboratory with flexible manufacturing Systems.</p> <p>4. MODROBS on Modernization of High Voltage Engineering Laboratory.</p> <p>5. RPS on Non linear analysis and design of reinforced concrete slab by using loading frame.</p> <p>6. RPS on “Development of Solar Drying System for crops of Vidarbha Region”.</p> <p>7. SG on National Seminar on Internet of Things and its Security.</p> <p>8. SG on National Level Seminar on “ R programming”.</p> <p>9. SG on National</p>

				Level Seminar on “Opportunities and Resources for Non- Conventional Technological Innovation”.
Outlay in Rs.	Nil	Nil	17,57,000/-	1,57,56,980/-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	Nil	1. FDP on Design of CNC Rapid Prototyping System for Product Development	1. FDP on Deploying the Data Analytics Lifecycle to address big data analytics. 2. FDP on Impact of Social Environment on Staffing, Compensation and Labour Management 3. FDP on Power System Automation leading to Smart Grid using Soft Computing Techniques. 4. FDP on Cyber security and Digital Forensic.
Outlay in Rs.	Nil	Nil	6,80,000/-	Rs. 27,60,000/-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	25	10	Nil
Non-Peer Review Journals	14	Nil	Nil
e-Journals	50	20	Nil
Conference proceedings	24	6	Nil

3.5 Details on Impact factor of publications:

Range	1-7	Average	3.5	h-index	49	Nos. in SCOPUS	05
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3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	3	AICTE	17,57,000/-	8,78,530/-
Minor Projects	1	AICTE	6,80,000/-	3,40,000/-
Interdisciplinary Projects	Nil	Nil	Nil	Nil
Projects sponsored by the University/ College	1	TGPCET	10000/-	10000/-
	1	IT Networkz	Nil	Nil
Students research projects <i>(other than compulsory by the University)</i>	Nil	Nil	Nil	Nil
Any other(Specify)	1	VMIT	1,00,000/-	1,00,000/-
Total			25,47,000/-	13,20,530/-

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other

3.10 Revenue generated through consultancy

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number	07	Nil	Nil	Nil	Nil
Sponsoring agencies	ISTE,IE(I)	Nil	Nil	Nil	Nil

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From funding agency From Management of University/College
Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	Nil
	Granted	Nil
International	Applied	Nil
	Granted	Nil
Commercialised	Applied	Nil
	Granted	Nil

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
09	Nil	Nil	01	Nil	Nil	08

3.18 No. of faculty from the Institution
who are Ph. D. Guides
and students registered under them

02

05

3.19 No. of Ph.D. awarded by faculty from the Institution

Nil

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF

Nil

SRF

Nil

Project Fellows

Nil

Any other (M.Tech)

04

3.21 No. of students Participated in NSS events:

University level

77

State level

Nil

National level

Nil

International level

Nil

3.22 No. of students participated in NCC events:

University level

Nil

State level

Nil

National level

Nil

International level

Nil

3.23 No. of Awards won in NSS:

University level

Nil

State level

Nil

National level

Nil

International level

Nil

3.24 No. of Awards won in NCC:

University level	Nil	State level	Nil
National level	Nil	International level	Nil

3.25 No. of Extension activities organized

University forum	Nil	College forum	60		
NCC	Nil	NSS	10	Any other	05

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

1. Blood Donation Camp: - 'Even a Single Drop of Blood can make a difference while saving Life'.

A voluntary blood donation camp was organized by TGPCET-NSS Unit on 18th July 2016 and 14th January 2017 and in college campus. During the camp around 111 youth and 100 youth and the college staff came forward to donate the blood along with the Chairman of the Institution Dr. Mohan Gaikwad-Patil took active initiative and came forward to donate blood.

The camp dated on 18th July 2016 and 14th January 2017 was inaugurated by the hands of Dr. Mohan Gaikwad-Patil, Chairman, GPG and Prof. Sandeep Gaikwad, Treasurer, GPGI. While addressing he said that a healthy adult could donate blood three or four times in a year. He also addressed other fears and misconception regarding blood donation. The special appreciation was given to NSS Unit by Dr. G.K. Awari, Principal TGPCET. Prof. Shubhangi Dhengre, Program Officer, TGPCET-NSS Unit organized blood donation camp in healthy atmosphere. The volunteers of NSS Unit Mr. Shrikant Karde, Mr. Chetan Ingole, Ms. Sneha Umredkar, Mr. Sudhir Thakre, Mr. Tanu Majumdar, Ms. Rakshanda Deep etc. took efforts to make program successful.



BLOOD DONATION CAMP ORGANISED ON 18TH JULY 2016 & 14TH JAN 2017

2. Tree Plantation Program at Forest: - TGPCET-NSS Unit has given the small contribution in state government tree plantation program to plant more and more trees as trees are the real friend of human being. The tree plantation program was conducted at Forest, Sonurli Village, Butibori on 1st July 2016. The volunteer of TGPCET-NSS Unit has taken an oath of planting and nurturing more and more number of trees during the program. On this occasion with the help of forest officers volunteer of NSS unit Ms. Aishwarya Narkhede, Ms. Akansha Naphade, Ms. Rupali Dhage, Ms. Ruchika Chaurasia, Ms. Sudhir Takre, Ms. Rajni Ashtankar, etc. have actively participated in tree plantation program.



TREE PLANTATION PROGRAM AT FOREST, SONURLI VILLAGE,BUTIBORI ,NAGPUR ON 1ST JULY 2016

3. Tree Plantation Program at College Campus: - TGPCET-NSS Unit has taken the initiative to plant more and more trees as trees are the real friend of human being. The tree plantation program was inaugurated at the hands of Dr. Mohan Gaikwad (Chairman, Gaikwad-Patil Group) at the institute on 15th August 2016. The volunteer of TGPCET-NSS Unit has taken an oath of planting and nurturing more and more number of trees during the program. Prof. Shubhangi Dhengre, NSS Program Officer, TGPCET-NSS Unit took the responsibility of nurturing all these trees from NSS Unit.



TREE PLANTATION PROGRAM ON 15TH AUGUST 2016 AT TGPCET CAMPUS

4.Eye donation fortnight activity:- TGPCET NSS Unit organized Eye Donation Fortnight Activity on 25th August 2016 by inviting guest from EYE Donation Camp .They have motivated all the students and teaching and nonteaching faculties to donate their eye for blind people so that a good cause has been by them. The program was appreciated by Dr.Mohan Gaikwad, Chairman, GPG. During this program Prof.Sandeep Gaikwad, Treasurer, GPGI , Dr.G.K.Awari ,Principal, Prof.Anil Hood, Director Administarion were present prominently. Prof. Shubhangi Dhengre, Program Officer, TGPCET-NSS Unit has took efforts to make program successful.



EYE DONATION FORTNIGHT ACTIVITY ORGANISED ON 25TH AUGUST 2016

5.Meditation Program:- TGPCET NSS Unit organized three days Workshop on Meditation Programm Heartfulness-Sahaj Marg Meditation Program on 10th to 12th Nov 2016 by inviting as Guest and Expert trainer Mr.Sanjay Khonde for three day workshop named “Hertfulness-Sahaj Marg Meditation Program Harmonizing Body, Soul and Mind .During the camp he has briefed various Yoga asanas including

tadasana, Vajrasana, Vrikshasana to name a few. He demonstrated various Yoga asanas and he said that yoga helps in promote balanced development of all the three physical, mental and spiritual being. His valuable guidance helps for good health of students and staffs motivated and inspired all staff and the students to implement yoga in their lifestyle so they live lives their life healthy and Wealth. During this program Dr.G.K.Awari ,Principal ,all the head of department were present prominently and he encouraged all the students and faculties to practice meditation daily in morning . Prof. Shubhangi Dhengre, Program Officer, TGPCET-NSS Unit has took efforts to make camp successful.



HEARTFULNESS-SAHAJ MARG THREE DAYS MEDITATION PROGRAM HEARTFULNESS-SAHAJ MARG THREE DAYS MEDITATION PROGRAM ORGANISED FROM 10/11/2016 TO 12/11/2016

6. Yoga & Pranayam Program:- TGPCET NSS Unit has organized Yoga & Pranayam Program Day on 17th Jan 2017 by inviting famous yoga instructor as Guest and Expert trainer Mr.Ramnish Vatsa, Gold Medal Champion and Honour of “RUBBER BOY” During the sessions, young yoga instructor Mr.Ramnish Vatsa briefed various kriyas to be performed before Yoga. He demonstrated various Yoga asanas including Shirshasana, Bhramari , Kapalbhati and Vajrasana to name a few. He added that *asanas together with pranayam* are the visible aspects of the Yoga but it has invisible aspects, too, which make us realize that we are not the doers but we are instrumental of spiritual guidance and are necessary for good health of students. During this program Dr.G.K.Awari ,Principal ,all the head of department were present prominently and he encouraged all the students and faculties to practice yoga daily in morning .Prof. Shubhangi Dhengre, Program Officer, TGPCET-NSS Unit has took efforts to make camp successful.



YOGA AND PRANAYAM PROGRAM ORGANISED BY FAMOUS YOGA INSTRUCTOR MR.RAMNISH VATSA ON 17TH JAN 2017

7. Celebration of National Youth Week: - TGPCET-NSS Unit celebrated 152th birth anniversary of Swami Vivekanand as National Youth Week on 14th January 2017. On occasion of National Youth Week a “ROAD SAFETY AWARENESS ACTIVITY” is organized for all the students, staff & nonteaching. The Chief guest Mrs.S.Fulzele, Sarpanch, Mohgaon, Bothali and Mr.V.Maraskolhe, Upsarpanch, Mohgaon, Bothali at Bothali village. A word about National Youth Day was given by Prof.

Nirmal Pandey. The Mashal Rally was started from Bothali village and proceed to TGPCET Campus and programme was held. Prof.Sandeep Gaikwad,Treasurer, GPGI and Dr.G.K.Awari, Principal, TGPCET congratulated students for taking initiative for celebrating the Youth day.The program was successfully compeered and organized by volunteer of TGPCET NSS Unit. The departmental coordinators of NSS Unit Mr.Sarvesh Wajurkar, Mr..Amey Khediakar, Mr.Sandeep Barkamkar, Mr.Sagar Zade took lots of efforts to make a program great success



ROAD SAFETY ACTIVITY ORGANIZED BY TGPCET NSS UNIT ON OCCASION OF NATIONAL YOUTH WEEK

8. Celebration of National Voters Day:- TGPCET NSS Unit celebrated National Service Voters Day on 25th January 2017 .On this occasion Voters Pledge has taken by the dignitaries, Teaching, Non Teaching and all the students. This was been followed by NSS Song & NSS Prayer sang by NSS Volunteers. During this program Dr.Mohan Gaikwad, Chairman, GPG, Prof.Sandeep Gaikwad, Treasurur, GPGI , Dr.G.K.Awari ,Principal, Prof.Anil Hood, Director Administarion were present. A valuable guidance replete with words of experience motivated and inspired the NSS students to espouse the importance of voting and their rights also about the social service with determination ,dedication and devotion. Dr.G.K.Awari, Principal has given guidance and appreciation to NSS Unit to Prof. Shubhangi Dhengre, Program Officer, TGPCET-NSS Unit



NATIONAL VOTERS DAY CELEBRATION ORGANISED BY ON 25TH JAN 2017

9. Workshop on Yoga and Asanas Activity:- TGPCET NSS Unit celebrated International Yoga Day on 7th Feb 2017 by inviting as Guest and Expert trainer Mr.Waman for One day Yoga Camp named “Harmonizing Body, Soul and Mind .During the camp he has briefed various Yoga asanas including tadasana, Vajrasana, Vrikshasana to name a few. He demonstrated various Yoga asanas and he said that yoga helps in promote balanced development of all the three physical, mental and spiritual being.His valuable guidance helps for good health of students and staffs motivated and inspired all staff and the students to implement yoga in their lifestyle so they live lives their life healthy and Wealth. During this program Dr.G.K.Awari ,Principal ,all the head of department were present prominently and he encouraged all the students and faculties to practice yoga daily in morning . Prof. Shubhangi Dhengre, Program Officer, TGPCET-NSS Unit has took efforts to make camp successful.



WORKSHOP ON YOGA AND ASANAS ORGANISED ON 7TH FEB 2017

10. Celebration of Self Defence for Women: - TGPCET NSS Unit celebrated Self Defence for Women which was on 27th March 2017 by inviting Chief Guest Mrs.Kalpana Battashe , Police Officer, Nagpur (Rural).On Occasion of Self Defence for Women program was organized by National Service Scheme Unit of college. In this program Mrs.Kalpana Battashe has enlightened the girls students about how to defence ourself when there is some attack is occur by other people. Self defence of Women is very important as day by day the victims are increasing and increasing. Hence she has given some tips regarding how to defence ourself in any difficulty. During this program Dr.Mohan Gaikwad, Chairman, GPG, Prof.Sandeep Gaikwad ,Treasurer, GPGI and Dr.G.K.Awari, Principal, TGPCET were present.



SELF DEFENCE FOR WOMEN CELEBRATION ORGANISED ON 27TH MARCH 2017

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	20031 sq.mt	Nil	College	20031 sq.mt
Class rooms	29	Nil	College	29
Laboratories	71	2	College	73
Seminar Halls	7	Nil	College	7
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	78	7	College	85
Value of the equipment purchased during the year (Rs. in Lakhs)	842.86	20.50	College	863.36
Others (Amphi theatre)	650 sq.mt	Nil	College	1

4.2 Computerization of administration and library

Administration and Library are well equipped with modern computing facilities.

Computerization of administration:

- Use of Sack Info 2.5 software for admission processes, exam processes, finance, purchase and infrastructural requirements.
- Use of Sack Info 2.5 software for staff attendance and leave monitoring

Computerization and access to library facilities are as follows:

- **Use of Library Software Sack Info 2.5-** Library uses Sack Info 2.5 software that supports all in-house operations of the Library. It consists of modules on acquisition, circulation, Main entry, Report and OPAC.
- **Digital Library-** Central Library has a provision of access to e-learning resources like e-journals, e-books, NPTEL video lectures are available in DELNET and college portals, and Question Papers for academic program. For this purpose a separate arrangement in Digital Library is made where students and staff can access, download, print the open access journals and question paper also they can listen to the video lectures with the help of audio-visual aids.
- **Online OPAC System-** To locate books available in the library.
- Scanning, Posting and online access of Question Papers and Project Reports on College website.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value (Rs.)	No.	Value (Rs.)	No.	Value (Rs.)
Text Books	18472	6069277	607	199440	19079	6268717
Reference Books	1842	605219	108	35485	1950	640704
e-Books	8009	Free	3210	Free	11219	Free
Journals	95	120875	3	11240	98	132115
e-Journals	---	---	---	---	---	---
Digital Database	DELNET	11500	DELNET NDL SWAYA M	11500	DELNET NDL SWAYA M	11500
CD & Video	455		45		500	
Others (specify)	---	---	---	---	---	---

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	550	24	20MBPS	24	2	2	10	Nil
Added	200	0	10MBPS	0	0	0	0	Nil
Total	750	24	30MBPS	24	2	2	10	Nil

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- Campus is Wi-Fi enabled
- Internet access to Staff and Students in Departments, library, cafeteria, lunge
- Online Aptitude/MCQ Test for students.
- In-House training is imparted to Students, teaching and non-teaching staff for skill up-gradation.

4.6 Amount spent on maintenance in lakhs :

i) ICT	3.26
ii) Campus Infrastructure and facilities	15.43
iii) Equipments	10.38
iv) Others	21.50
Total :	50.57

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- To Enhance the practical knowledge Technical Trainings based on industry requirement are Provided to the students
- Imparting information on various support services during induction programme organized for first year students.
- Display of Information on college website
- Information given to students regarding Central Facilities like Central Library, Computer Center, Boys and Girls Hostel etc.
- The undertaking of Anti ragging Affidavit is maintained from students
- Separate Grievance redressal cells for students and Staff members
- Every department conducts an orientation programme for fresher students of UG & PG
- The Teacher Guardian (TG) concept is adopted for mentoring 15 to 20 students to each faculty
- Continuous monitoring and evaluation of Academic performance of students
- Student's representatives in IQAC have enhanced the awareness about planning and execution quality assurance & quality enhancement activity of the college
- Training and Placement department provides CRT training to the students regarding the placements and prepare them to appear for interviews
- SMS,E –mail, whatsapp facilities are also used to inform students progress to parents.

5.2 Efforts made by the institution for tracking the progression

- Internal examinations are conducted to evaluate Academic performance of students
- The Teacher Guardian (TG) concept is adopted for mentoring 15 to 20 students performance
- Regular pre and post session Academic Audit was Conducted
- Sports , Meditation and Yoga Session are Conducted for physical well-being of students
- Special Monitoring committee has been established to improve the attendance of Students
- Faculty review meetings for post Academic Audit
- Supervise the lagging syllabus and suggest remedial action plan
- Different Co-Curricular and extra-curricular activities are organized for overall development of students

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1542	321	Nil	Nil

(b) No. of students outside the state

14

(c) No. of international students

04

No	%
1225	65.74%

Women

No	%
638	34.26%

Last Year (2015-16)						This Year(2016-17)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
341	716	70	849	Nil	1976	404	783	110	566	Nil	1863

Demand ratio 1:1

Dropout %: 3.16%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- GATE/GRE Study Circle (Conduct MOCK test, Technical Session & Crash Courses)
- Group Discussion and Mock Interviews were conducted
- Competitive Exam Training Centre is established
- Organized Expert Lecture on “how to crack the GATE & GRE“
- Conducted Interactive Session of selected candidates of different competitive examinations

No. of students beneficiaries

400+

5.5 No. of students qualified in these examinations

NET	Nil	SET/SLET	Nil	GATE	112	CAT	Nil
IAS/IPS etc	Nil	State PSC	Nil	UPSC	Nil	Others	41

5.6 Details of student counselling and career guidance

- Teacher Guardian Scheme at Department level for individual student counseling
- Career counseling at central level for students.
- Guest lecture's for higher studies in India and abroad are conducted
- Interactive Sessions by Alumni in various fields are arranged.
- Motivational lectures on Entrepreneurship development.
- Mock test, technical test, Aptitude test, Group discussion & Personal interview session are conducted.

No. of students benefitted

900+

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
17	235	104	20

5.8 Details of gender sensitization programmes

Activities conducted under Women Grievances Redressal Cell:

- Poster, Painting, Sketch competition on Girls child international day on 15th October, 2016
- Awareness program on Girl's Child Education

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level

68

National level

Nil

International level

Nil

No. of students participated in cultural events

State/ University level

47

National level

Nil

International level

Nil

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level

03

National level

Nil

International level

Nil

Cultural: State/ University level

Nil

National level

Nil

International level

Nil

5.10 Scholarships and Financial Support

	Number of students	Amount (Lakhs)
Financial support from institution	145	43.63
Financial support from government	1378	975.94
Financial support from other sources	Nil	Nil
Number of students who received International/ National recognitions	Nil	Nil

5.11 Student organised / initiatives

Fairs	: State/ University level	<input type="text" value="2"/>	National level	<input type="text" value="5"/>	International level	<input type="text" value="7"/>
Exhibition:	State/ University level	<input type="text" value="1"/>	National level	<input type="text" value="1"/>	International level	<input type="text" value="Nil"/>

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: **_No major grievances reported_**

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision of Institute

To make exemplary contribution to the progress and future of our country by enhancing the capabilities of our youths, by imparting world class education and training in science, technology and management; empowering them to seek and offer solutions to challenges faced by their brethren locally as well as globally.

Mission of Institute

- To impart world class education and training to our students by offering state-of-the-art undergraduate, postgraduate and doctoral programs.
- To develop dynamic engineers and managers comparable to the best in the world and capable of taking leadership role in future.
- To generate new knowledge by developing cutting-edge research and world class scholarship, to effectively contribute to the future of country and global community.
- To establish and nurture long term symbiotic relationship with industry and institutions of higher learning within and outside our country in generating solutions for current and future issues of concerns.
- To develop potential of all our stakeholders to its fullest extent and empower them to actualize it

6.2 Does the Institution has a management Information System

Yes

“Sack Server” is the web based education governance ERP system

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- As an affiliation college, the institution follows Rashtrasant Tukadoji Maharaj Nagpur University curriculum. Though curriculum Enrichment Committee, we discuss with Internal and external expert from academia and expert from Industry and Alumni for Enriching the Curriculum
- By involving stakeholder in the curriculum design, the college ensures that the curriculum developed encompasses components for employability, research, social relevance and social needs

▪ Compliance as per departmental Academic Calendar :

The Academic Calendar of Department is derived from the university calendar and calendar of the Institute, which is specific to the Department. The Faculty members are planning their lesson plans. Lesson plan are made according to course objectives and course outcomes before the commencement of the semester in consultation with the Head of the Department. The handouts of the lesson plans is given to the students. The staff members ensure the coverage of syllabus which is monitored by Head of department.

▪ Subject Allocation:

Subject allotment is done as per the expertise of the faculty members to prepare lesson plans, course plan and subject notes after critical verification by Head of the Department.

▪ Adherence according to Course files:

The course file is prepared and adherence to the same by the concerned faculty member is the mandatory requirements for each subject. The course file consists of -

- Syllabus
- Teaching plan
- Time table
- Assignments
- University question papers
- The college test question bank
- Question Bank
- Model solutions
- Case studies
- Journal Papers
- Tutorials
- Advanced Topics

▪ Pedagogical initiatives:

The faculty uses the following methods for interactive learning:

- Audio Visual aids
- Case Studies
- Animated Video

- Students Seminars
- Industrial Visits

The focus is on Student learning since they are encouraged to take part in interactive sessions to clear their doubts.

▪ **Project-based learning:**

The projects are based on Real Time application and some of them are industry sponsored.

▪ **Hi-Tech assisted learning:**

The College is equipped with Hi-Tech Computer laboratories having latest simulation Software, Printers, LCD, and projectors. These are effective aids for teaching learning process. The students are also contributing in design, development and Testing of Printed Circuit boards.

▪ **SMART and Virtual class Room :**

Faculty members are using ambient SMART and Virtual class Room for interactive and Collaborative session.

▪ **Demonstration based learning**

As per the RTMNU university guidelines 8-10 experiments are to be conducted whereas the department thrust is to conduct some of the real time domain experiments beyond syllabus. Hands-on training, industrial visit and internship are arranged to provide in depth knowledge of the subjects.

▪ **Collaborative Learning:**

A methodology in which students are engaged in common task, where they depend on each other's interactions, such as

- Face to Face Conversation
- Chat Room
- Collaborative writing
- Group Projects
- Debates

This technique of learning creates bonding between the students and generates Team spirit for an accomplishment of an assigned task.

▪ **Continuous evaluation in laboratory:**

The following steps are enumerated for conduction and continuous assessment for practical:

- University guidelines are followed for preparation of 8 to 10 experiments.
- Additional experiments are added beyond syllabus to give exposure of the recent development in the electronics domains.
- Faculty members are preparing lab manual.
- Conduction of experiments.
- Grades are awarded after viva voce based on each conducted experiments during continuous evaluation by the faculty members.

▪ **Internal Semester Exam:**

The following internal examinations are conducted in each semester:

- Unit Test
- Mid Term
- End Term
- Open Book test/online MCQ test

Final marks are based on assessment.

6.3.3 Examination and Evaluation

Yes, Continuous assessment and evaluation is carried out.

In a semester the quality of internal question paper setting and assignment evaluation are conducted as follows:

▪ **Initiatives, Implementation and Analysis of Learning levels:**

- Question papers are set as per the university curriculum by faculty of Department, which are moderated by HoD to ensure attainment and learning levels perspective from the usage of Taxonomy of Blooms
- Question paper of Unit Test, Mid Term and End Term examinations are mapped with Course Outcomes
- Marking scheme for questions is decided.
- Unit Test, Mid Term and End Term examinations are conducted
- Evaluation of answer books is done.
- Answer books are shown to the students and grievance, if any, is redressed.
- Result Analysis is done.
- Compiled marks are displayed for the students and communicated to parents.
- Remedial classes are conducted for weak students.
- Improvement test is conducted

The evaluation process, implementation and learning outcomes of internal examination are given in Table

Table: Process of evaluation of internal examination

Sr. No.	Title	Total Marks	No. of Questions	Frequency of conduction	Evaluation
1	Unit TEST	13	2 (Solve 1 OR 2)	Once in a semester	Concerned course teacher and shown to the students
2	Open Book Test/Teacher Assessment	20	3 (Solve any two)	Twice in a semester	
3	MID Term Test	26	4 (Solve 1 OR 2, 3 OR 4)	Once in a semester	
4	End Term Test	80	12 (Solve 1 OR 2, 3 OR 4,5 OR 6, 7 OR 8, 9 OR 10, 11 OR 12)	Once in a semester	

The usage of Blooms Taxonomy for improving the quality of question papers are shown below in Table

Table: Summary of usage of Blooms Taxonomy

Initiative	Implementation	Analysis of learning Levels	Quality of Question paper, Assignment and Evaluation
Uses of Blooms Taxonomy	Quality of Question paper, Assignment and Evaluation is implemented in each Semester	Knowledge	Attempted to achieve substantial gain
		Comprehension	
		Application	
		Analysis	
		Synthesis	
		Evaluation	

▪ **Assignments and Quiz**

- Students are required to submit assignments as per academic calendar.
- Multiple Choice Test/Quiz are based on recent trends in Electronics and Communication Engineering.
- The assignments qualitatively attain the course outcomes

Table: Process of Evaluation of Assignment and Quiz

Sr. No.	Title	Total Marks	No. of Questions	Frequency of conduction	Evaluation
1	Assignments	05	5 (includes sub questions)	Twice in a semester	By concerned course teacher and shown to students
2	Surprise Multiple Choice Question Test /Quiz	100	50	Twice in a semester	

6.3.4 Research and Development

YES: Mohan Gaikwad Invention and Research Centre (MGIRC)

In order to motivate the faculty members following incentives are provided

- Incentives for Publications in Journal
- Incentives for attending Conference / Workshop / STTP / FDP / MDP / Seminars / Training in India.
- Incentives for presenting paper in Conference
- Incentives for Patents filing, publication and examination.
- Incentives for pursuing Part Time PhD
- Incentives to Students for Publications in Journals

6.3.5 Library, ICT and physical infrastructure / instrumentation

YES,

The institution has following specified facilities to improve self learning:

- The institute has exclusively developed and installed GPGI self service portal (IP address <http://172.16.200.201>) for the utilization of e-learning resources for the benefit of students and staff.
- Wi-Fi enabled campus
- Podcast(NPTEL)
- Internet access to all the computers for the benefit of students.
- Projects, Internship Modelling Webinar, Video conferring
- Smart Classroom are available
- Central Library
- Digital Library
- Scanning and Xerox facility
- Separate Seminar hall for each department
- The Amphi-theatre was constructed to cater the needs of conducting cultural and extra-curricular events.
- The sports complex was built along with the sport facilities including an instructor of physical education to oversee sports facilities.
- Yoga and indoor facility was constructed to safeguard health.
- Waste management initiatives are the hallmark of the institute.
- Roof-top Rain water harvesting system was installed.
- Solar system was installed for encouraging fossil fuel energy.

- Tree plantation was initiated to help pollution control and green revolution.
- Doctor is visiting as per schedule to monitor the health of inhabitants.
- Clean drinking water with RO facility to provide portable water.
- Ramps and toilet are constructed to help physically challenged persons at ground floor.
- A hygienic food is provided in the cafeteria.
- Transportation facility has Pollution under Control devise.
- Soak pits are constructed to raise the water table.

6.3.6 Human Resource Management

YES

- Welfare Schemes for students, teaching and non-teaching staff.
- Recruitment of teaching and non teaching staff as per norms
- Orientation programmes for newly joined teaching and non-teaching staff.
- Encouragement to faculty for attending FDP, STTP, Industry training, Ph.D. etc.
- Leaves applicable as per rules.
- Incentives for Publication to faculty
- Family get-together/picnics of teaching & non-teaching staff

6.3.7 Faculty and Staff recruitment

- The process follows as per norms and guidelines of AICTE/DTE Mumbai and RTM Nagpur university.
- Based on the vacancy position approved by the University, advertisement in leading daily newspapers is published
- The interviews are conducted as per the committee constituted by the Hon'ble Vice chancellor of RTM Nagpur University

6.3.8. Industry Interaction /Collaboration

- Expert lectures by Industry persons and workshops / awareness programmes are conducted at the college to acquaint the students appropriately about pursuing their career options.
- The alumni of the college are the potential source of recruitment for the current batch students.
- An annual Alumni meet is held at the institution which facilitates a lively interaction with Alumni & other stakeholders.
- Industrial visits and industrial tours are arranged
- Internship Training is arranged.
- Pool Campus drives are arranged
- The industrial training was given to the students by our staff after getting trained from the industrial experts.
- Memorandum of Understanding (MoU's) are signed with industry

6.3.9 Admission of Students

Admissions process are carried out on the basis of merit and in a transparent manner by way of centralize admission process (CAP) conducted by admission cell of Maharashtra and as per the guidelines of Directorate of Technical Education (DTE),Mumbai.

6.4 Welfare schemes for

Teaching	EPF, Accidental Insurance, Travelling Allowances, Maternity leave, Felicitation of wards, Free Education in the institute to the wards of employees
Non teaching	
Students	Accidental Insurance

6.5 Total corpus fund generated

30.86
(Lakhs)

6.6 Whether annual financial audit has been done Yes ☒ No ☐

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	YES	PRIVATE	YES	IQAC
Administrative	YES	PRIVATE	YES	IQAC

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes Yes ☒ No ☐

For PG Programmes Yes ☒ No ☐

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- Examination scheme is changed for improving the quality
- Photocopies of Answer sheet are provided to the students based on request
- Revaluation of Answer sheet.
- Publication of semester result through online

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

- In the Curriculum, the selection of Elective Subjects by the students is permitted.
- The university has introduced open electives concepts for PG students

6.11 Activities and support from the Alumni Association

- Alumni association conducted alumni meet twice in year
- This alumni meet helps students to know about improvement of institute.
- Alumni of institute are motivated to plan and design association services for the students of institute.

6.12 Activities and support from the Parent – Teacher Association

- Twice in every semester Parents meet is held at all the departments for interaction of parents with HOD and other stakeholders.
- Student's performance is discussed during the meet.
- Various schemes and facilities available in the college and department for enhancing the academic growth of the student are discussed.
- Information regarding training and placement is provided.
- In every parent meet, peer feedback from the parents are taken and analyzed for further improvement

6.13 Development programmes for support staff

- Orientation programs are conducted for newly joined supporting staff
- Training programs for supporting staffs are conducted.
- Industrial visit are organized to understand latest trend in industry

6.14 Initiatives taken by the institution to make the campus eco-friendly

Following activities are conducted regularly to make the campus eco-friendly

- Tree Plantation
- Green Audit
- Soak-pits
- Rain water harvesting
- E-waste management system
- RRR-Reduce, Recycle and Reuse the natural resources
- Utilization of Solar Energy

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- Project based learning
- Industry Sponsored projects
- Reorganization and felicitation of faculty members for outstanding contribution
- Reorganization and felicitation of students for outstanding Academic performs
- Industrial experts are appointed as co-guide
- Implementation of Interdisciplinary projects
- Socially motivated projects are implemented

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- Pre and Post Academic Audit conducted
- Environmental Audit conducted
- Submitted proposals to various funding agencies and received grants from various government funding agencies
- Encouragement given to carry out industry based projects.
- Provisions made to implement internship for UG-PG students
- Conferences/Seminars/Workshops etc. conducted

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

i) Academic Audit:

Academic Audit is the backbone of the department and is conducted regularly to improve the system.

Every faculty member maintains course files for the theory as well as Laboratory subjects.

ii) Best Outgoing Students Award:

Goal of this practice:

- Every Academic year, the Institute felicitates the Best Student amongst the Final Year students of all UG Programs.

The Context:

- The Final Year students submit the information regarding their achievements during the four academic years spanning from First Year to Final Year.
- The Academic Excellence achieved by the candidates during each Semester University Examinations is a major criterion.
- The Performance of all the candidates is also judged for Organizing Skills, participation in Co-curricular / Extra Curricular Activities, Sports, Paper presentation at National and International Conferences, and National and International Journals.
- Placement of the candidate is also a criterion for selection

**Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

- Tree Plantation Programme at institute
- Tree Plantation Programme at nearby villages & industrial areas

7.5 Whether environmental audit was conducted?

Yes

☒

No

☐

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

SWOC analysis and Future plans –

Strengths:

- The Hon'ble management members are from Academic background and actively involved in college development process
- Hardworking and enthusiastic faculties
- Adoption of innovative teaching-learning methodologies
- Well-equipped laboratories and computing facility
- Strong mentoring scheme
- Industrial exposure
- Personality Development, Leadership and Soft Skill training
- Technical sites visits and educational tours

Weaknesses:

- Knowledge Centre is to be developed.
- Less number of Patents.

Opportunities:

- The institute is situated near the Asia's biggest five-star industrial area
- Development of Interdisciplinary research/Projects
- Student's involvement in research activities in association with faculties are to be initiated.
- To cope-up with rapid growth of emerging trends
- To encourage adoption of distance education, flexible learning and induction of new information and communication technology to increase access.
- To procure funds from potential funding agencies like DST, UGC, AICTE, VTU etc.
- Nagpur is emerging as central India's educational and industrial hub.

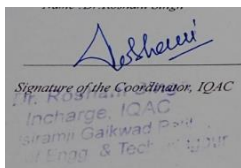
Challenges:

- To imbibe Entrepreneurial spirit in the student
- To improve Student's employability ratio.
- To inculcate values of research and development in the students

8. Plans of institution for next year

- To raise the number of proposal to various funding Agencies.
- Increase in number of International / National Conferences / STTP / Workshops / Seminars etc.
- Motivating faculty members to pursue Ph.D
- Submitting Research Proposals to various funding Agencies.
- Increase Industry Institute Interaction Activities.
- Improve the Internship for students.
- Addition of Smart class room
- Motivate the student to participate in National level sport events
- Motivate the students for collaborative industrial projects

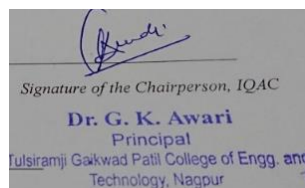
Name: Dr.Roshni Singh



Signature of the Coordinator, IQAC
Dr. Roshni Singh
Incharge, IQAC
Fulsiramji Gakwad Patil College of Engg. and Technology, Nagpur

Signature of the Coordinator, IQAC

Name: Dr.G.K.Awari



Signature of the Chairperson, IQAC
Dr. G. K. Awari
Principal
Fulsiramji Gakwad Patil College of Engg. and Technology, Nagpur


Signature of the Chairperson, IQAC

ANNEXURE – I

TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING & TECHNOLOGY							
UG Academic Calendar - 2016-17 Odd sem (Planned)							
Department of CSE/IT/ECE/ETRX/CIVIL/MECH/EE(3rd,5th,7th sem)							
Month	Days						Activities
	Mon	Tue	Wed	Thu	Fri	Sat	
Jun-16			1	2	3	4	16th-20th: Counselling to 3rd,5th,7th sem students and admission in higher classes 21st: Start of forum selection process 21st-30th: Basics/fundamentals of correlated cluster subjects
	6	7	8	9	10	11	
	13	14	15	16	17	18	
	20	21	22	23	24	25	
	27	28	29	30			
Jul-16					1	2	1st: Declaration of Forum result 1st: Teaching as per syllabus & Display of assignment No-1 (Unit I,II,III) 4th-9th: Forum Installation of all branches 11th-16th: 1st Project progress seminar of 7th Sem 12th-14th: Submission of assignment no.1 18th-22nd: Unit Test-I 23rd: 1st Parents Teacher Meet 30th: Display of cumulative attendance upto July'16
	4	5	6 EID	7	8	9	
	11	12	13	14	15	16	
	18	19	20	21	22	23	
	25	26	27	28	29	30	
Aug-16	1	2	3	4	5	6	12th: Display of attendance upto 12th August & list of eligible students for Mid Term examination 16th,18th,20th: Mid term examination 19th: Display of Assignment-II (unit IV,V,VI) 23rd: Display of Mid Term examination result 22nd-27th: 2nd Project progress seminar of 7th sem 27th: 2nd Parents Teacher Meet & Felicitation of Mid term examination toppers
	8	9	10	11	12	13	
	15 Independence Day	16 MT1-2	17 New Year	18 MT3-4	19	20 MT5	
	22	23	24	25	26	27	
	29	30	31				
Sep-16				1	2	3	1st: Display of provisional detention list 8th: Submission of assignment no II (Unit IV,V,VI) 26th-29th: Final project progress seminar and submission of draft report of 7th sem Engg.
	6 Rama Navami	7	8	9	10		
	13 1st Day	14	15	16	17		
	19	20	21	22	23	24	
	26	27	28	29	30 Gandhi Jayanti		
Oct-16						1	1st: Last teaching day as per regular syllabus 3rd-19th: Specific teaching 21st,24th,26th: 3 papers of End Term Examination 27th Oct-3rd Nov: Diwali Vacation
	3	4	5	6	7	8	
	10	11 Dussehra	12 Mahavrat	13	14	15	
	17	18	19	20	21 ET1	22	
	24 ET2	25	26 ET3	27	28	29	
	31						
Nov-16		1	2	3	4 ET4	5 ET5	4th and 5th: Last two papers of End Term Examination 7th-19th: Examination counseling 10th: Declaration of End Term Examination Result 29th: University Examination
	7	8	9	10	11	12	
	14 Gandhi Jayanti	15	16	17	18	19	
	21	22	23	24	25	26	
	28	29	30				


Number of working days: 141

Number of instruction days: 115



Dr. G.K. Awari
Principal, TGPCE

Number of working days: 141
Number of instruction days: 115


 Dr. G. K. Awari
 Principal, TGPCET

TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING & TECHNOLOGY
UG Academic Calendar -Even sem-2016-17 (planned)
Department of CSE/IT/ECE/ETRX/CIVIL/MECH/EE/4th,6th,8th sem/Engineering

Month	Days						No of working days	Activities
	Mon	Tue	Wed	Thu	Fri	Sat		
Dec-16				1	2	3	21 days	1st-14th Admission to 4th,6th,8th sem and Commencement of Bridge course 12th-13th: UTTAKARSHI-17
	5	6	7	8	9	10		13th Display of assignment no-1 for all sem
	12	13	14	15	16	17		18th Dec-21st Dec: Winter Break/Industrial Tour
	19	20	21	22	23	24		
	26	27	28	29	30	31		
Jan-17	2	3	4	5	6	7	25 days	1st: Commencement of classes as per regular syllabus 2nd: Display of attendance for the month of December 9th: Openbook test 14th-20th: 1st Industrial visit (1 sem), personality development session & Career guidance seminar 16th: Weekly test 18th-20th Jan: Submission of assignment no-1 23rd-28th: Unit test 31st: Display of attendance for the month of January
	9	10	11	12	13	14		
	16	17	18	19	20	21		
	23	24	25	26 Republic Day	27	28		
	30	31						
Feb-17			1	2	3	4	25 days	10th Jan-11th Feb: 1st Guest Lecture (1 sem), 2nd Industrial visit (3 sem) 1st-4th: First project seminar for 6th and 8th sem 2nd: Display of Unit test result 3rd: Display of assignment no-1 for all sem 6th: Weekly test 11th: First parent teacher meet 13th-20th: Open Book test 17th,18th: TechEd17-International Conference 20th-25th: 1 group discussion in every sem 20th-22nd: Submission of assignment number II 27th: Weekly Test 28th: Display of cumulative attendance till Feb
	6	7	8	9	10	11		
	13	14	15	16	17 TechEd17	18 TechEd17		
	20	21	22	23	24 Mahatma Jayanti	25		
	27	28						
Mar-17			1	2	3	4	25 days	27th Feb-8th March: Lecture on personality development & 1st Guest Lecture (1 sem) 1st-4th: Second project seminar for 6th and 8th sem 6th: Open Book Test 9th-11th: Mid Term Examination 11th: Parents meet (evening) 14th-21st: Workshop by all Departments 16th: Display of Mid Term result 16th-18th: Felicitation of Mid Term toppers 20th: Weekly Test 22nd-25th: Third Project seminar for 6th & 8th sem and Display of Provisional declaration list 25th: 2nd Parent Teacher meet and last day of teaching as per regular syllabus 27th: Open Book Test 29th Mar-6th Apr: Age Specific teaching 31st: Display of cumulative attendance
	6	7	8	9 HCT 1-2	10 HCT 1-4	11 HCT 1-7		
	13 HCT	14	15	16	17	18		
	20	21	22	23	24	25		
	27	28 Good Friday	29	30	31			
Apr-17						1	23 days	6th: Last teaching day and display of cumulative attendance 10th-19th: End Term examination 10th-21st: Presentation seminar and draft project report of 6th,8th sem students 10th-29th: Examination Counseling 24th: Display of End Term exam result 26th,27th: Submission of final project report of 6th,8th sem
	2	3 Good Friday	4	5	6	7		
	10 HCT	11	12 HCT	13	14 Good Friday	15 HCT		
	17	18	19 HCT	20	21	22		
	24	25	26	27	28	29		
May-17	1 Maharashtra Day	2	3	4	5	6	25 days	2nd Tentative University Theory Examination
	8	9	10 Buddha Purnima	11	12	13		
	15	16	17	18	19	20		
	22	23	24	25	26	27		
	29	30	31					

Number of working days: 144

Total Number of instruction days: 105

Note: Subjected to change as per University Guidelines


Dr. G.K. Awari
 Principal

ANNEXURE – II

Indirect Assessment Tool	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Student Feedback	1.74	1.76	1.85	1.66	1.76	1.82	2	1.75	1.65	1.47	–	1.56	1.76	1.8
Exit survey	2.28	2.28	2.04	2	1.92	2.09	2	1.95	2.28	2.21	2.28	2.28	2.28	2.28
Alumni Survey	2.6	2.6	2.6	2.6	2.7	2.86	2.8	2.86	2.9	2.85	2.6	2.6	2.6	2.6
Employer survey	2.2	1.8	2	2	2.1	1.93	1.8	2	2.3	1.4	2.3	3	2	2.15
Parents Survey	2.1	2.1	2.1	–	2	1.7	–	2.2	2.1	–	2.1	1.6	2.1	2.1
Indirect Assessment Evaluation	2.18	2.11	2.12	2.07	2.10	2.08	2.15	2.15	2.25	1.98	2.32	2.21	2.15	2.19

