

NAAC Accredited 

ISO 9001:2015 Certified Institution

**TULSIRAMJI GAIKWAD-PATIL**  
**College of Engineering & Technology**

(Approved by AICTE, Recognized by Govt. of Maharashtra & Affiliated to MSBTE, Mumbai)

**DTE Code: 4151**

**www.tgp cet.com**

## **6.5.3 Average number of quality initiatives by IQAC per year for promoting quality culture (3)**

# **Session**

# **2015-16**

Sr. No.	Particulars
1	Curriculum Restructuring workshops for M.Tech
2	Awareness about ERP software be for faculty and Staff Members.
3	New assessment methodologies like Group presentation, Quiz, Home assignment and Online Test.
4	Academic Administrative Audit
5	FDP for Faculty Members
6	International Conference
7	Renew of Professional Society Student Chapters of IE(I)
8	Renew Professional Society Student Chapters of ISTE
9	Renew Professional Society Student Chapters of ICI
10	Skill developments for Non-teaching staff
11	Skill developments for teaching staff
12	Seminars/workshops on IPR conducted
13	Community and Social services programs conducted
14	Implementation in activities of the Mentoring cell
15	Improvement in linkage developed with National/ International academic /research bodies
16	Addressing curriculum Gap through Industrial guest lectures and Industrial Visits
17	Microteaching for New Faculty Members
18	Induction Program -A, orientation program to introduce the fresh students to various learning centers to facilitate interaction with faculty and thereby create an awareness of Engineering education
19	Bridge Course and Remedial Classes
20	Felicitation of Faculty members for Excellent performance in various areas
21	Felicitation of Topper Students

# 1. Curriculum Restructuring workshops for M.Tech

 <p>Vidarbha Bahu-uddeshiya Shikshan Sanstha s</p> <h2>TULSIRAMJI GAIKWAD-PATIL</h2> <h3>College of Engineering &amp; Technology</h3> <p>Mohgaon, Wardha Road, Nagpur - 441 108 Tel: 07103-645410 Mob: 09922966173 Approved by AICTE, New Delhi, Govt. of Maharashtra &amp; Affiliated to RTM Nagpur University E-mail: principal@tgpacet.com Website: www.tgpacet.com An ISO 9001:2008 Certified Institution</p>	 <h2>GAIKWAD-PATIL</h2> <h3>GROUP OF INSTITUTIONS</h3> <p>Ojaswini Complex Gayatri Nagar, IT Park Road Nagpur - 440 022 Tel: 0712 664 8252 Fax: 0712 224 0656 E-mail: vidarbhabuss@yahoo.co.in</p>
--	---

Date: 29<sup>th</sup> Jan 2015

**Report on**  
**“RTM Nagpur University Revised Syllabus of Fourth year Engineering (CSE & CT)**  
**at T.G.P.C.E.T, Nagpur”**

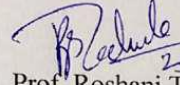
**Nagpur:**

Recently RTM Nagpur University revised the syllabus of Fourth year Engineering (CSE&CT). Board of Studies (BOS) of CT/CSE of RTMNU and Computer Science & Engineering department of TGPCECT collaboratively revised the syllabus. “The syllabus provides a vital function for academics and it acts as the guide for what will happen over the semester and Due to the importance of the syllabus, it is necessary to revise a syllabus for an existing course regularly”, said Dr. Manoj Chandak on this occasion.

The main focus was to revise syllabus of 7<sup>th</sup> & 8<sup>th</sup> semester (CBS) of engineering course for CSE & CT branch. Dr. Manoh Chandak, Chairman CT/CSE Board was the chief guest for this event. Heads of Department and senior faculties of CSE and CT department of various engineering colleges within Nagpur University attended this program. The syllabus has been structured to keep the pace with the current technical era. So latest topics demanding by the current industry requirement like Cloud Computing, Anroid etc are included in a new syllabus.

Dr. Mohan Gaikwad-Patil (Chairman, GPG), Dr. G. K. Awari (Principal, TGPCECT), Prof. Roshani Talmale (HoD CSE & Coordinator), were prominently present at this occasion. Dr. Mohan Gaikwad-Patil said, “It is our privilege that RTM Nagpur University keep faith and considered our college for organizing such a event.”

Prof. Roshani Talmale (HoD CSE & Coordinator) coordinated this event successfully. All faculties of Computer Science & Engineering department of TGPCECT actively participated in making this event a grand success. In the feedback session held during the valedictory, all the participants appreciated the contents of the event & the facilities provided by the department. Prof. Roshani Talmale (HoD CSE & Coordinator) thanked the Dean & Chairman of Board of Studies for giving such an opportunity to organize this event in our college.

  
29/01/2015  
Prof. Roshani Talmale  
HoD [C.S.E.]

Head of Dept. (Computer Science & Engg.)  
Tulsiramji Gaikwad-Patil College of  
Engineering and Technology, Nagpur



Inaugural Function of Syllabus Revision workshop organized in association with RTM Nagpur

## 2. Awareness about ERP software be for faculty and Staff Members.

Tulsiramji Gaikwad-Patil College of Engineering and Technology

Department of Computer Science & Engineering

Session 2015-16

Date: 11-05-2015

Report on

Two Day Workshop on "Support Staff training Program on Computer Proficiency"

**Name of Event:** Two Days Workshop on "Support Staff training Program on Computer Proficiency"

**Date of Event:** 07-05-2015 to 08-05-2015

**Event Coordinator:** Prof. Neha Mogre and Prof. Ankush Maind

**Introduction:**

Department of Computer Sciences and Engineering organized two days workshop on **Computer Proficiency** under IE(1)(Institution of Engineers(India)) banner. Basic computer skills play a big role in technical field This workshop explains all basic parts of Computer. The workshop will help the other supporting staff to automate simple tasks in specific applications.

**Aim:**

The aim of conducting this workshop is to learn Computer Skills, basic operations of computer system and computer applications software.

**Objective:**

- Demonstrate understanding of the basic operations of a computer system.
- Explain the principles of operations for computer systems used in a particular application, specifically in terms of the systems' hardware and software components.
- Use of computer terminology correctly in the context of a particular application.

**Event Details:**

- Prof. Neha Mogre and Prof. Ankush Maind of Computer Science & Engineering Department, TGPCET, Nagpur, conducted the two days workshop. On first day Prof. Neha Mogre gave an introduction about the computer. How to turn it on and turn off. What it can do, what it's important to become skilled in computers.
- Then we trained them about other applications available in computer. Start with paint program or drawing program. Tell them how to open it, drawn something Pictures that is easy to repeat and at time of creating teach them how to use lines, colors, eraser, save, save as, add text etc.
- Prof. Anꝁush Maind make them familiar with the computer, files, folders, data transfer, media players and they are able to open/delete/restore/copy/paste all kind of files without your help and also teach few theoretical parts of computers.

- Both the experts gave a practical session on basic use of Microsoft office tools through practical exercises and assignments. Create a letter/application and show them to use the fonts, paragraph and styles options. Similarly, basics of Excel are taught such as simple mathematical calculations. Such as creating table of sales exercise. In which table is created Name of item, qty, price, and total is added and by using formula total is performed for different items and then drag that cell down to till the last cell. Later they explained on Microsoft power point by creating simple slide, add text in slide, insert picture, clipart, save a file etc.
- On Second Day a Session begin with Internet and uses of the Internet. It includes topics such as search a data on search engine like Google, to create Gmail account and how to do email, Privacy and data security, Internet browsers, How the internet works, Online shopping, Online banking.

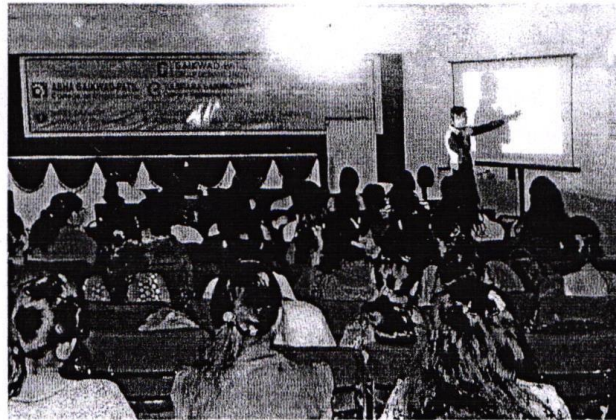
**Outcomes:**

1. All the Supporting staff is able to write any kind of document, application in Microsoft word or any document writing and editing application.
2. They are able to use search engines effectively, able to type, able to use Excel and PowerPoint effectively,
3. Understand the internet for various skills and knowledge.
4. They are able to do basic maintenance and repairing of computers.

**Conclusion:**

Computer literacy is in need throughout the workplace in almost any aspect. It also make the employees more knowledgeable to acquire a basic core of skills that are needed in an organization.

**Glimses of Event:**



**Two Day Workshop on "Support Staff training Program on Computer Proficiency"**



*Hebe*  
**Event Coordinator**  
 Assistant Professor  
 Department of Computer Science & Engg.  
 Tulsiramji Gaikwad-Patil College of  
 Engineering & Technology, Nagpur

*Rabule*  
**HOD CSE**

Head of Dept. (Computer Science & Engg.)  
 Tulsiramji Gaikwad-Patil College of  
 Engineering and Technology, Nagpur

**True Copy Attest**

**Principal**  
 TULSIRAMJI GAIKWAD-PATIL  
 COLLEGE OF ENGINEERING &  
 TECHNOLOGY, NAGPUR



I n c.

Office : 2/8, Priyadarshini Nagar, Near R.T.O. office, Civil Lines  
Nagpur -01

Phone : +91 92252 48455

e-mail : rupeshbhattad@rediffmail.com ; synchronik@live.com

Visit us : www.synchronik.co.in



ERP software **SackInfo** for automation of various activities of an Academic Institutions like  
Student Section, Fee Collection, Financial Accounts, Academic Monitoring, Exam Section, Purchase & Central Stores, Attendance,  
Library, Establishment & Payroll, Inward outward Document, Events, Training & Placements, Committee & Meetings, Estate etc...

## INVOICE

To,  
The Principal,  
Tulsiramji Gaikwad Patil College of Engineering & Technology,  
Wardha Road,  
Nagpur

Invoice No : 15-16/17  
Invoice Date : 21/07/2015

With reference to your Work Order :

Sr. No.	Particulars	Rate	Qty	Amount
1.	Annual Maintenance Charges for providing online services for ERP Software (SackInfo 2.5) for the Academic Year 2015-2016	₹43,725/-	1 No.	₹43,725/-
<b>Total Amount :</b>				<b>₹43,725/-</b>

(Rupees Forty Three Thousand Seven Hundred Twenty Five Only)  
(All inclusive)

Subject to Nagpur Jurisdiction

For SyNchRonik Inc.

[Rupesh Kumar Bhattad]



### **3. New assessment methodologies like Group presentation, Quiz, Home assignment and Online Test.**





# 4. Academic Administrative Audit

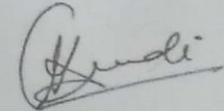
Ref. No. TGPCET/2015-16/P.O.313

Date:04/07/2015

## CIRCULAR

The following committees are constituted for academic audit of various departments. The academic audit should be completed from 06<sup>th</sup> July to 15<sup>th</sup> July 2015 Higher Classes and First Year/MBA/POLY/MCA, from 1<sup>st</sup> August to 4<sup>th</sup> August 2015. Final report of audit should be submitted by the overall coordinator of committee on or before 16<sup>th</sup> August 2015. Committee will verify the preparation of each department for odd sem. All the HODs are requested to prepare for the academic audit of odd semester and ensure the smooth conduction of academic audit and verification process.

Sr .No.	Department	Committee	
		Incharge	Co-Incharge
1	All Department-Over all Co-ordinator	Mr. T. P. Raju	
2	Mechanical Engineering	Mr. Chandan Kamble	Ms. Snehal Dharpure
3	Civil Engineering	Mr. Sarvesh Warjurkar	Mr. Sachin Shende
4	Electrical Engineering	Mr. Vishwajeet Ambade	Ms. Sulbha Parate
5	Computer Science Engg.	Mr. Pranay Vaidya	Mr. Rachit Singh
6	Information Technology	Ms. Shubhangi Dhengre	Mr. Sarvanan Iyer
7	Electronics & Communication Engg.	Ms. Neha Mogre	Mr. Siddharth Pathak
8	Electronics Engineering	Mr. Jayant Rohankar	Mrs. Kadambini Admane
9	M.C.A.	Mr. Nadir Hussain	Mr. Roshan Nagpure
10	First Year	Ms. Revati Parate	Ms. Pratibha Zade
11	MBA	Mrs. Pranjali Lute	Mr. Ashwadeep Fulze
12	Polytechnic TGPCET	Mr. Sanjay Bhadke	Mr. Supratim Saha
13	Polytechnic AGPCE	Ms. Parul Bhanarkar	Mr. Amit Tajne



PRINCIPAL

(Dr. G. K. Awari)

To,  
All HOD's - V.P., First Year, ECE, ETRX, CSE, IT, Mech., Civil, Electrical, MBA, MCA, Poly,

C.C. 1) The Hon'ble Chairman. 2) The Hon'ble Director. (For Kind Information)


**Tulsiramji Gaiwad-Patil College of Engineering and Technology**

Wardha Road, Nagpur-441 108

Session 2015-16

Department of Civil Engineering

**Pre Session Academic Audit Marks (Odd Sem.)**

Sl. No.	Criteria	Observations	Marks to be awarded	Marks Obtained
1	Number of journal papers in hardcopy referred by faculty members for subject preparation	a. More than 3 times the number of faculty b. Equal to number of faculty member c. Less than number of faculty member	3/2/1	3
2	Number of titles contributed (efomat) in digital library facilities	a. At least 2 titles/faculty/subject b. Atleast 1 title/faculty/subject	2/1	2
3	Faculty members having self developed Power Point or Flash Presentations./Readymade presentations or tutorials as a teaching aid for imparting the instructions	a. More than 80% b. 50% to 80% c. Less than 50%	4/2/0	2
4	No. of Lectures to be covered as per norms (with calculated data)	a. 100% b. 75% to 100% c. Less than 75%	3/2/0	NA
5	Conduction of Lab (i) Whether printed journal is prepared (ii) Performance report of respective practicals (iii) New lab/Material if any & what effort has been taken to purchase them (iv) Any new experiment is introduced or not.	a. 100 % b. 75 % to 100% c. Less than 75 %	4/2/0	4
6	Quality of project work of final year students	a. Above 75% b. 65% to 75% c. Below 65%	4/2/0	2
7	Preparation of assignments, question papers, model answers and 3 year previous q.papers	a. Above 75% b. 65% to 75% c. Below 65%	4/2/0	2
8	Documentation of equipments for conduction of experiments as per University norms(Lab manual,DSR,Lab Logbook,Utilization Register to be kept ready)	a. More than curriculum prescribed b. 75-100% of syllabus c. 50-74% of syllabus d. Less than 49% of syllabus	4/3/2/0	3
9	Preparedness for assessment of Student - Exam/practical conduction,Documentation,Project Report,Oral etc with future planning	a. Prepared properly b. Not Prepared properly	2/0	2
10	Attendance record (keep ready with those students who filled up exam form)	a. Maintained with proper documentation b. Not maintained properly	2/0	2
11	Logbook Maintenance	a. Prepared properly b. Not Prepared properly	2/0	2


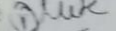
Sl. No.	Criteria	Observations	Marks to be awarded	Marks Obtained
12	Teaching with 2 case studies or study reports/practical and 1 case study or study report theory related to the subject (for every subject and practical)	a. Maintained with proper planning b. Not maintained	2/0	0
13	Individual planning for subjects by subject teacher to teach beyond curriculum	a. Maintained with proper planning b. Not maintained	2/0	0
14	Industrial visit/site visit/demonstration of equipment associated with subjects/practical	a. 90% subjects b. (70-89)% subjects c. Below 70 % subjects	3/2/0	2
15	Number of faculty members to participate in National or international conferences or journals by submitting papers (individual plans)	a. Equal to number of faculty members b. More than half the number of faculty members c. Less than half the faculty members	3/2/0	2
16	Planning of Proposals to be submitted to AICTE/DST/MHRD/ISTE/SRM/PTU/	a. More than the no. of semesters b. Equal to the no of semesters c. Less than no of semesters	3/2/0	0
17	No. of Industry experts to be involved in academic activities for	a. More than 2 times the no of semesters b. More than no of semesters c. less than the no of semesters	3/2/0	3
18	No. of local Industrial visits to be organized	a. More than the no of semesters b. Equal to the no of semesters c. less than the no of semesters	3/2/0	2
19	No. of Industrial tours (more than 2-3 days) to be organized	a. more than 1 b. 1 c. Nil	2/1/0	1
20	Faculty members going to attended trainings for Soft skills, Content updating, Industrial trainings etc	a. More than 20% b. 10-20% c. Below 10%	3/2/0	0
21	Preparation of Departmental academic calendar	a. 90% perfect b. (80-89)% c. Below 80%	3/2/0	3
22	Commitment of result by each faculty member for next sem	a. Ready b. Not ready	1/0	1
23	Organizing Technical Quiz / Seminar/ Paper Presentation /Project Competition event (intercollegiate or interdepartmental)	a. More than One event b. One event c. Nil	3/2/0	2
24	Participation of students in Technical Quiz /Seminar /Paper Presentation/ Project Competition event and guidance by faculty member to such students for outside event	a. More than Two events b. One event c. Nil	2/1/0	1
25	No of state /National/International level to be organized by the Dept. in workshop/ seminar /Conference/ Project competitions organization in association with industry /Universities //Any other professional body	a. More than 1 b. 1 c. Nil	2/1/0	2

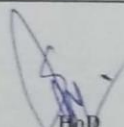
Sl. No.	Criteria	Observations	Marks to be awarded	Marks Obtained
26	Subject file preparation( according to standard index)	a. Complete in all respect for (more than 85% of the faculty) b. (70-84)% of the faculty member c. (50-69)% of the faculty member d. Less than 50% of the faculty member	6/4/2/0	2
27	Faculty member attitude (questionnaire based)	a. Excellent b. Good c. Average d. Poor	3/2/1/0	2
28	Communication from HOD to the faculty members (questionnaire based)	a. Sound Communication b. Average Communication c. Poor Communication	2/1/0	2
29	Awareness of HR policy/Leave policy/purchase procedure & other new rules,academic calendar to the faculty members (questionnaire based)	a. Fully aware b. Partially aware c. Zero awareness	2/1/0	1
30	Encouragement for participation of students in sports & Extracurricular activities in University level/state level (list of who is good at which sports and planning)	a. 3 or more b. 2 c. 1 d. Nil	3/2/1/0	1
31	Proper allocation of subjects by Committee & verification of time table by Committee	a. Prepared b. Not prepared	2/0	2
32	Efforts planned by Faculty members to improve results/feedback.	a. Prepared b. Not prepared	2/0	0
33	Planning and preparation of parent's meet with contact address and phone numbers by Department	a. Prepared b. Not prepared	2/0	2
34	Planning for activities under professional society chapter	a. Prepared as per institute policy b. 50% as per policy c. Less than 50 % as per policy	3/1/0	1
35	Preparation of subject wise Library	a. All subjects b. 80% subjects c. Less than 80 % subjects	3/2/0	3
36	Planning for Online objective type tests having 10-15 questions per test (3 per subject) and preparedness for aptitude test as per student requirement	a. Properly planned b. Partially/not planned	3/0	3
37	Preparedness of faculty member for training students for competitive exams (GD+PI sessions and confidence building)	a. Properly planned b. Partially/not planned	3/0	0
38	Planning of each TG for 2 <sup>nd</sup> sem,4 <sup>th</sup> sem,6 <sup>th</sup> sem	a. 100 % faculty members prepared b. 75-99 % faculty members prepared c. Less than 75% faculty members prepared	4/2/0	2
39	Budget planning for next sem Department wise	a. Prepared b. Not prepared	3/0	3

Total Marks: 107

Marks obtained: 67

Committee members Name & Sign.

- 1) Mr. S. Wanjurkare 
- 2) Ms. S. Shende 



H.O.D.

Civil Engg. Department  
H.O.D.  
Department of Civil Engineering  
T.G.P.C.E.T.Nagpur.

## **5. FDP for Faculty Members**

**<http://www.tgpctet.com/DVV-Clarification/6/6.3.3/Teaching/2015-16-Teaching.pdf>**

## **6. International Conference**

**<http://www.tgpctet.com/DVV-Clarification/6/IC-Report/2015-16.pdf>**

**7.Renew of Professional Society Student  
Chapters of IE(I)**

**8.Renew Professional Society Student  
Chapters of ISTE**

**9.Renew Professional Society Student  
Chapters of ICI**

**<http://www.tgp cet.com/NAAC-Criteria/6/6.5.3.pdf>**

## **10.Skill developments for Non-teaching staff**

**<http://www.tgp cet.com/DVV->**

**[Clarification/6/6.3.3/Non-Teaching/2015-16-Non-Teaching.pdf](http://www.tgp cet.com/DVV-Clarification/6/6.3.3/Non-Teaching/2015-16-Non-Teaching.pdf)**

## **11.Skill developments for teaching staff**

**<http://www.tgp cet.com/DVV->**

**[Clarification/6/6.3.3/Teaching/2015-16-Teaching.pdf](http://www.tgp cet.com/DVV-Clarification/6/6.3.3/Teaching/2015-16-Teaching.pdf)**

## **12.Seminars/workshops on IPR conducted**

<http://www.tgp cet.com/NAAC-Criteria/3/3.2.2-2015-16.pdf>

### **13. Community and Social services programs conducted**

<http://www.tgp cet.com/NAAC-Criteria/3/3.4.3-2015-16.pdf>



## **14. Implementation in activities of the Mentoring cell**

**<http://tgp cet.com/NAAC-Criteria/2/2.3.3.pdf>**

## **15. Improvement in linkage developed with National/ International academic /research bodies**

**[http://tgp cet.com/NAAC-Criteria/3/3.5.1\\_a.pdf](http://tgp cet.com/NAAC-Criteria/3/3.5.1_a.pdf)**

## **16. Addressing curriculum Gap thought Industrial guest lectures and Industrial Visits**

**<http://tgp cet.com/NAAC-Criteria/1/1.3.3-a.pdf>**

**<http://tgp cet.com/NAAC-Criteria/1/1.3.3-b.pdf>**

**<http://tgp cet.com/NAAC-Criteria/1/1.3.3-c.pdf>**

**<http://tgp cet.com/NAAC-Criteria/1/1.3.3-d.pdf>**

**<http://tgp cet.com/NAAC-Criteria/1/1.3.3-e.pdf>**

**<http://tgp cet.com/NAAC-Criteria/1/1.3.3-f.pdf>**

**<http://tgp cet.com/NAAC-Criteria/1/1.3.3-g.pdf>**

**<http://tgp cet.com/NAAC-Criteria/1/1.3.3-h.pdf>**

**<http://tgp cet.com/NAAC-Criteria/1/1.3.3-i.pdf>**

# 17. Microteaching for New Faculty Members



Microteaching of Faculty Member

**18. Induction Program -A, orientation program to introduce the fresh students to various learning centers to facilitate interaction with faculty and thereby create an awareness of Engineering education**



Orientation Program For First year Students

# 19. Bridge Course and Remedial Classes

Link of Bridge Course:

<http://www.tgpcet.com/Student-Support-System/Bridge-Courses.pdf>

Link of Remedial Class

<http://www.tgpcet.com/Student-Support-System/Remedial-Coaching.pdf>

## 20. Felicitation of Faculty members for Excellent performance in various areas



## 21. Felicitation of Topper Students

