

6.5.3 Average number of quality initiatives by IQAC per year for promoting quality culture

Session
2019-20

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12	Skill developments for teaching staff - "Key to Classroom Excellence"
13	Seminars/workshops on IPR conducted 'Patent filing procedure'
14	Community and Social services programs conducted-Marathi day. Blood donation
15	Activities of the Mentoring cell
16	Industry Linkage with National/ International academic /research bodies
17	Compulsion of Internship Program
18	Addressing curriculum Gap through Industrial Visits
19	Microteaching for New Faculty Members
20	Awareness program for NPTEL and SWYAM courses
21	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
22	Bridge Course and Remedial Classes
23	Felicitation of Faculty members for Excellent performance in various areas
24	Felicitation of Topper Students
25	Submission of Research Proposal to various funding agencies like AICTE, DST, etc

1. Submission of IIQA to NAAC



Institutional Information for Quality Assessment(IIQA)

TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY,NAGPUR,MAHARASHTRA

Date of submission : 12/09/2019

AISHE ID : C-18670

Institution Track ID : MHC02N26038

1	Application For Cycle of Accreditation	Re-Assessment Cycle1 <table border="1"> <thead> <tr> <th>Cycle</th> <th>Date</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>16/09/2016</td> <td>B</td> </tr> </tbody> </table>	Cycle	Date	Grade	1	16/09/2016	B
Cycle	Date	Grade						
1	16/09/2016	B						
2	Name of the College	TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY						
3	Date of establishment of the Institution	31/07/2007						
4	Name of the Head of the Institution Designation	Dr. PRASHANT S. KADU Principal						
5	Does the college function from Own Campus	Yes						
6	Address of the College State/UT City Pin Phone No Fax No Mobile No Registered Email Alternate Email	Tulsiramji Gaikwad-Patil College of Engineering and Technology, Khasra No. 8/1, Mohgaon, Wardha Road, Nagpur-441108 MAHARASHTRA NAGPUR 441108 0712-6648252 0712-2240656 9763711372 principal@tgpcet.com dsapta21@rediffmail.com						
7	Alternate Faculty Contact Details Address	Dr. GEETA PADOLE GAIKWAD IQAC / CIQA coordinator Tulsiramji Gaikwad- Patil College of Engineering and Technology, Khasra No.						

2. Submission of SSR to NAAC

Self Study Report of TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

**TULSIRAMJI GAIKWAD-PATIL COLLEGE OF
ENGINEERING AND TECHNOLOGY**

TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING AND
TECHNOLOGY, KHASRA NO. 8/1, MOHGAON, WARDHA ROAD,
NAGPUR-441108
441108
www.tgp cet.com

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

3. Academic Administrative Audit

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Report on Academic Audit



(Pre and Post Academic Audit)

Introduction:-

The Pre and Post Academic Audit of the Department were conducted from 10th August to 13th August 2020. The Purpose of the Audit is to provide the opportunity for a regular strategic overview of the entirety of a Department's Teaching and Learning activity. The Self Evaluation Document (SED) of the Department was presented to the Committee. The Committee Members investigated the different aspects of the Document, and authenticated them with the supporting evidences. This report consolidates the findings of the committee and put forth the suggestions and area of improvements possible in the future.

Constituted Committee for Pre and Post Academic Audit

Sr.No.	Department	Committee	
		Chairman	Members
1	Mechanical Engineering	Mr. Jayant Rohankar	Ms Snehal Paliwal
2	Electrical Engineering	Mr. Vishwjeet Ambade	Ms Pranjali Lute
3	Civil Engineering	Mr Ashwdeep Fulzele	Mr. Sarvesh Warjurkar
4	Computer Science & Engineering	Ms Shubhangi Gondane	Dr. Akilahmed Sheikh
5	Information Technology	Mr . Rajesh Babu	Mr . Chetan Jambhulkar
6	Electronics & Communication Engineering	Mr. Vijay Talodikar	Mr Aasif Baig
7	Master of Computer Application	Mr Sanjay Bhadke	Mr Jivan Dehankar
8	Master of Business Administration	Mr.Vidhaydhar Kshrisagar	Ms Nagma Sheikh
9	General Engineering	Ms. Neha Mogre	Mr .T.P Raju
10	External Committee members	Dr Shilpa Puranik (Joint Seretary , Vardhan Organisation , Nagpur)	

Schedule for the Academic Audit

Sr No	Branch	Date	Time
01	Mechanical Engineering	10 th -13 th Aug 2020	11:30 am to 1.30 pm
02	Electrical Engineering	10 th -13 th Aug 2020	11:30 am to 1.30 pm
03	Civil Engineering	10 th -13 th Aug 2020	11:30 am to 1.30 pm
04	Computer science and Engineering	10 th -13 th Aug 2020	11:30 am to 1.30 pm
05	Information Technology	10 th -13 th Aug 2020	11:30 am to 1.30 pm
06	Electronic and Communication Engineering	10 th -13 th Aug 2020	11:30 am to 1.30 pm
07	Master of Computer Application	10 th -13 th Aug 2020	11:30 am to 1.30 pm
08	Master of Business Administration	10 th -13 th Aug 2020	11:30 am to 1.30 pm
09	General Engineering	10 th -13 th Aug 2020	11:30 am to 1.30 pm
10	Report writing	10 th -13 th Aug 2020	3:00 pm to 4:00 pm

List of Major File Audited

Sr No	Description
01	Departmental minutes of meeting
02	Number of journals paper referred by faculty members in last six month
03	Number of titled contributed (e-format) in digital library
04	Student mentoring file
05	Learning management system file
06	Lectures covered as per teaching plan / Percentage syllabus covered
07	Student feedback about curriculum
08	Conduction of laboratory practical as per RTMNU syllabus/ Continuous evolution system implementation for laboratory practical
09	Average attendance of student in theory and practical
10	Documentation of equipment for conduction of experiment as per RTMNU University norms
11	Assessment of student (Examination , project)
12	Logbook maintenance
13	Participation of faculty members in various workshop and conference / publication / faculty attended training
14	Funding Proposal submitted / approved AICTE / DST / MHRD
15	MoU,s with Industry / professional bodies
16	Industrial visit/ Educational tour details
17	University Result analysis
18	Organization of Technical quiz / seminar / workshop
19	Award received by department
20	Course file
21	Participation of student in sport and extracurricular activities in University level
22	Alumni meet / parents meet conducted
23	Activity under professional society
24	Departmental library facility
25	Placement details
26	Attainment file

Academic Monitoring Grade for Pre Academic Audit

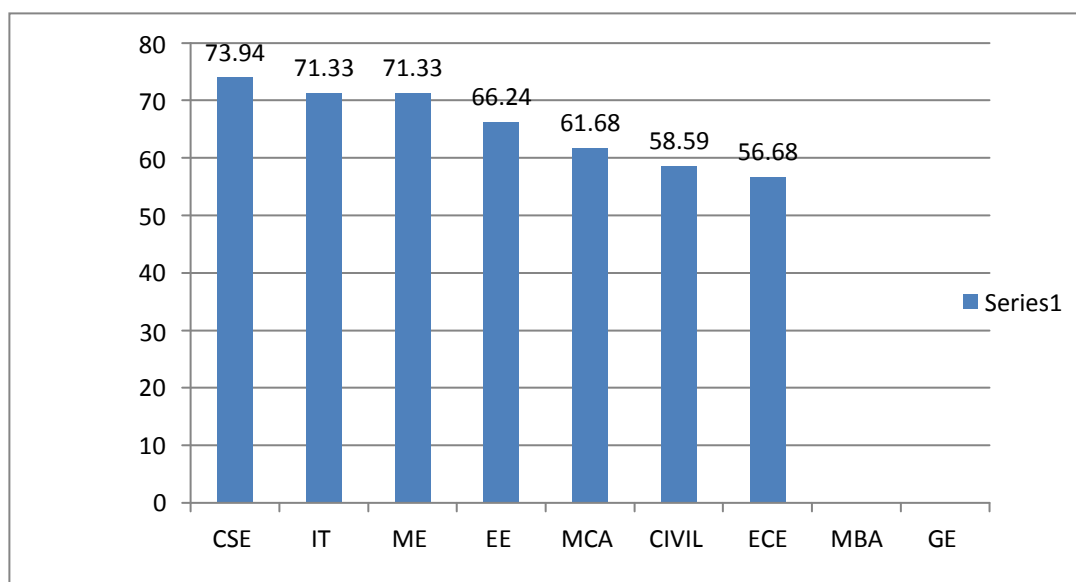
Sr.No	Branch	Percentage(%)	Academic Monitoring Grade
1	Computer science and Engineering	73.94	Very Good
2	Information Technology	71.33	Very Good
3	Mechanical Engineering	71.33	Very Good
4	Electrical Engineering	66.24	Good
5	Master in Computer Application	61.68	Good
6	Civil Engineering	58.59	Good
7	Electronics and Communication Engineering	56.68	Good
8	Master of Business Administration*	---	----
9	General Engineering*	---	----

1. Excellent ($\geq 86\%$)

2. Very Good ($\geq 71\%$ to $\leq 85\%$)

3. Good ($\geq 56\%$ to $\leq 70\%$)

4. Satisfactory ($\geq 40\%$ to $\leq 55\%$)



Academic Monitoring Grade for Post Academic Audit

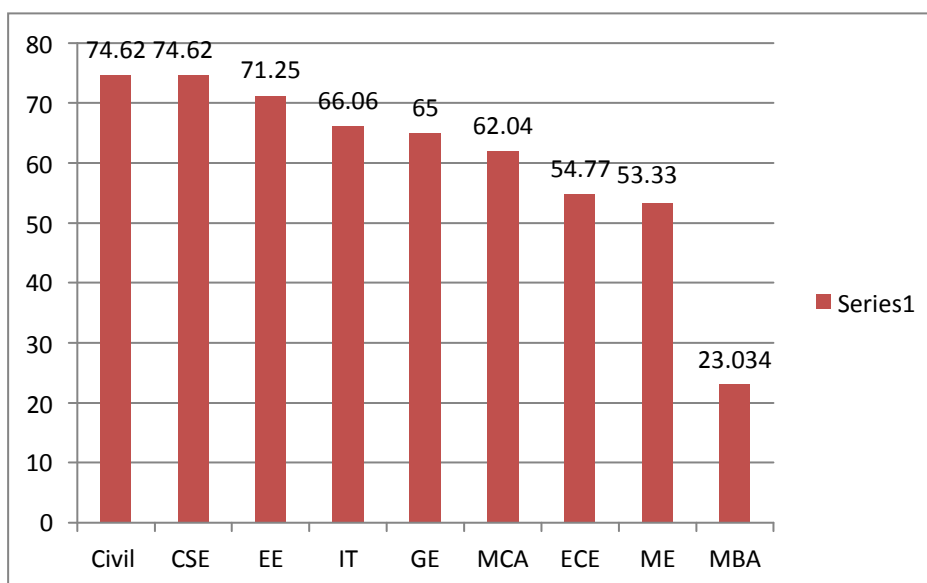
Sr.No	Branch	Percentage(%)	Academic Monitoring Grade
1	Civil Engineering	74.62	Very Good
2	Computer science and Engineering	74.62	Very Good
3	Electrical Engineering	71.25	Very Good
4	Information Technology	66.06	Good
5	General Engineering	65.00	Good
6	Master of Computer Application	62.04	Good
7	Electronics and Communication Engineering	54.77	Satisfactory
8	Mechanical Engineering	53.33	Satisfactory
9	Master of Business Administration	23.03	Poor

4. Excellent ($\geq 86\%$)

6. Very Good ($\geq 71\%$ to $\leq 85\%$)

7. Good ($\geq 56\%$ to $\leq 70\%$)

8. Satisfactory ($\geq 40\%$ to $\leq 55\%$)



Finding in Various Departments

Strengths of Mechanical Engineering Department

- Funding proposal submitted to AICTE/ ISTE
- TG scheme is properly implemented
- Video lectures are recorded for students and uploaded on You Tube
- MOU with Industry.
- Number of local Industries , visit organised , Guest lecturers from industry and activities under professional bodies in order

Weakness of Mechanical Engineering Department

- Less participations of students in sport and extracurricular activities in University / State levels
- Less numbers of students placed in last six month
- Department should work for receive the grants from various funding agencies
- Sponsored research has to Improve
- Students are placed in good companies

Strengths of Master of Computer Application Department

- Syllabus is fully covered for all subjects.
- Average 80% Students Present for internal examinations and also present for end term examination which was conducted online during lockdown due to COVID-19.

Weakness of Master of Computer Application Department

- Attendance in Theory and Practical is Very Less.
- Department has not organized any technical seminar or Quiz during last academic session.
- No students participated in sports or extra-curricular activities during last academic session.

Strengths of MBA Department

- Soft copy of journals are available in the department
- Assessment submission taken properly

Weakness of MBA Department

- Attendance in Theory and Practical is Very Less.
- Logbook are not maintained
- Funds are not received
- No industry expert lecture are involved in academics
- Teaching plans are incomplete
- No faculty attended training / soft skill program
- Department has not organized any technical seminar or Quiz during last academic session.
- No students participated in sports or extra-curricular activities during last academic session.

Strengths of Department of Information Technology

- Syllabus is fully covered for all subjects.
- One AICTE Funding Proposal Approved.
- Feedback of faculty members from students is good

Weakness of Department of Information Technology

- Number of Faculty members having Ph.D and pursuing Ph.D is less.
- More Research and Sponsored Projects Expected.
- No.of Students placed in last six months is very less.

Strengths of General Engineering Department

- Teaching Plan Properly Prepared.
- Log Book is maintained properly.
- Syllabus is fully covered for all subjects.
- Average 80% Students Present for internal examinations and also present for end term examination which was conducted online during lockdown due to COVID-19.
- TG scheme is properly implemented.
- 2 times parents meeting conducted with proper documentation in last semester.

Weakness of General Engineering Department

- No Funding Proposals Approved by the department.
- Department has not organized any technical seminar or Quiz during last academic session.
- No students participated in sports or extra-curricular activities during last academic session.
- Industry Expert Lectures is less in the semester as compared to the earlier semester.

Strengths of Electrical Engineering Department

- Well equipped labs are available.
- TG scheme is properly implemented
- 3 funding proposal approved by the department.
- Syllabus is fully covered for all subjects
- MOU with Industry.
- Related documentation is well prepared.
- Department has organized technical seminar or Quiz during last academic session

Weakness of Electrical Engineering Department

- Student and staff are to be encouraged for paper presentation at various National/International conferences, workshops and seminars.
- Attendance record of Alumni / Parent meeting not maintained.
- Faculties are partially aware about HR policies.
- No. of students passed in first division in last university Exam is less(below 40%).

Strengths of ECE Engineering Department

- E-Books are available in sufficient numbers
- The planning of subject teachers to teach beyond curriculum is ready
- Number of faculties participated in National and international conference by presenting or submitting paper in last one year is good enough
- TG scheme is properly implemented

Weakness of ECE Engineering Department

- Average results of University examination is less
- Less video lectures prepared by the department
- DSR / Equipment record are not maintained properly
- Numbers of journals papers referred by faculty members are less
- Subject PPT are partially ready
- Participation of students in sport and extracurricular are less
- MoUs and linkage with industry is need to improve
- Attendance record of Alumni / Parent meeting not maintained.
- Department should work for receive the grants from various funding agencies
- Sponsored research has to Improve

Strengths of CSE Engineering Department

- Two wards were won by the department
- Number of faculties participated in National and international conference by presenting or submitting paper in last one year is good enough
- Funding proposal submitted to AICTE/ ISTE
- TG scheme is properly implemented
- Number of local Industries , visit organized , Guest lecturers from industry and activities under professional bodies in order

Weakness of CSE Engineering Department

- Less video lectures prepared by the department
- MoUs and linkage with industry is need to improve
- Attendance record of Alumni / Parent meeting not maintained.
- Department should work for receive the grants from various funding agencies
- Sponsored research has to Improve
- Students mentoring and grievance cell was not activated in the department

Strengths of Civil Engineering Department

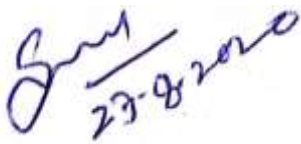
- Number of faculties participated in National and international conference by presenting or submitting paper in last one year is good enough
- Funding proposal submitted to AICTE/ ISTE
- TG scheme is properly implemented
- Video lectures are recorded for students and uploaded on You Tube
- MOU with Industry.
- Number of local Industries , visit organized , Guest lecturers from industry and activities under professional bodies in order

Weakness of Civil Engineering Department

- University average results are low
- Less participations of students in sport and extracurricular activities in University / State levels
- Less numbers of students placed in last six month
- Attendance record of Alumni / Parent meeting not maintained.
- Department should work for receive the grants from various funding agencies
- Sponsored research has to Improve

Suggestions :

- Research papers should be published in Quality publication.
- Interdisciplinary projects can be improved.
- Student can be attached with domain specialized faculty members in their discipline so that quality projects and research can be initiated.
- External funded research projects to be taken up by the faculty members.
- In stock register, Authorization certificate should be available.
- Students counseling file can be improved
- Online feedback system needs to be introduced
- Product based project should be encouraged

A handwritten signature in blue ink, followed by a horizontal line and the date "23-8-2020" written below it.

External Committee Members

A handwritten signature in blue ink, consisting of a stylized 'J' followed by a horizontal line and a flourish.

Coordinator IQA Cell

Date: 27.08.2020

4. Introduction of New Certificate and Value added courses

http://tgpcet.com/NAAC-Criteria/1/1.1.2_a.pdf

<http://www.tgpcet.com/NAAC-Criteria/1/1.3.2-Report.pdf>

5. Establishment of Media Room



6. Organization of International Conference



Inaugurated by Hon. Chief Guest Dr. Pramod M. Padole, Director, VNIT, Nagpur



Releasing of MPIR-19 Proceeding by all the dignitaries

7. AICTE Grant under Prerana Scheme for GATE Coaching (2019-20)

Date: 24 May 2019 F.No. 73-Policy (AB) / RIFDUPRERANA/2017-18

TGPCTET, NAGPUR
 Regd. No. 318 on 24/5/19
 All India Council for Technical Education
 A Statutory Body under Ministry of HRD, Govt. of India
 Sansar Malviya Marg, Vasant Kunj, New Delhi 110070 Website: www.aicte-ndia.org

Prerana - Sanction Order

To: The Drawing and Disbursing Officer, All India Council for Technical Education, Sansar Malviya Marg, Vasant Kunj, New Delhi - 110070

Subj: Release of a sum of Rs. 883000/- being the 100% Recurring as Grant-in-aid under Prerana Scheme - reg.

On: This is to convey the sanction of this Council for payment of Rs. 883000/- as 100% Recurring grant-in-aid under Prerana Scheme to TULSIRAMJI GAIKWAD-PATE COLLEGE OF ENGINEERING AND TECHNOLOGY, Scheme No. 8/1, PSK No. 74, Mohgaon, Wardha Road, NAGPUR, Pin No - 441108 Maharashtra.

- The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the grant-in-aid bill and shall be disbursed to and credited to the Registrar/Director/Principal of the institute through RTGS.
- This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this order.
- The sanctioned amount is debitable to the Major Head 901.41 (b) & (c) of the Scheme of PRERANA and is valid for payment during the financial year 2019-20.

The instructions/guidelines to be followed by University/Institution

- Release of funds and maintenance of accounts
- The Principal of the institute and the Coordinator of the program are requested to verify the correctness of the under mentioned bank account/ RTGS details submitted by them along with the Proposal, in which the grant is being released.

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAATV0030H	BANK OF INDIA	DESRAMPET H.	No. 2 North Ambabon Road, Post Box No. 308, NAGPUR-440010	Principal	Current Account	870220110000154	BKID0008702

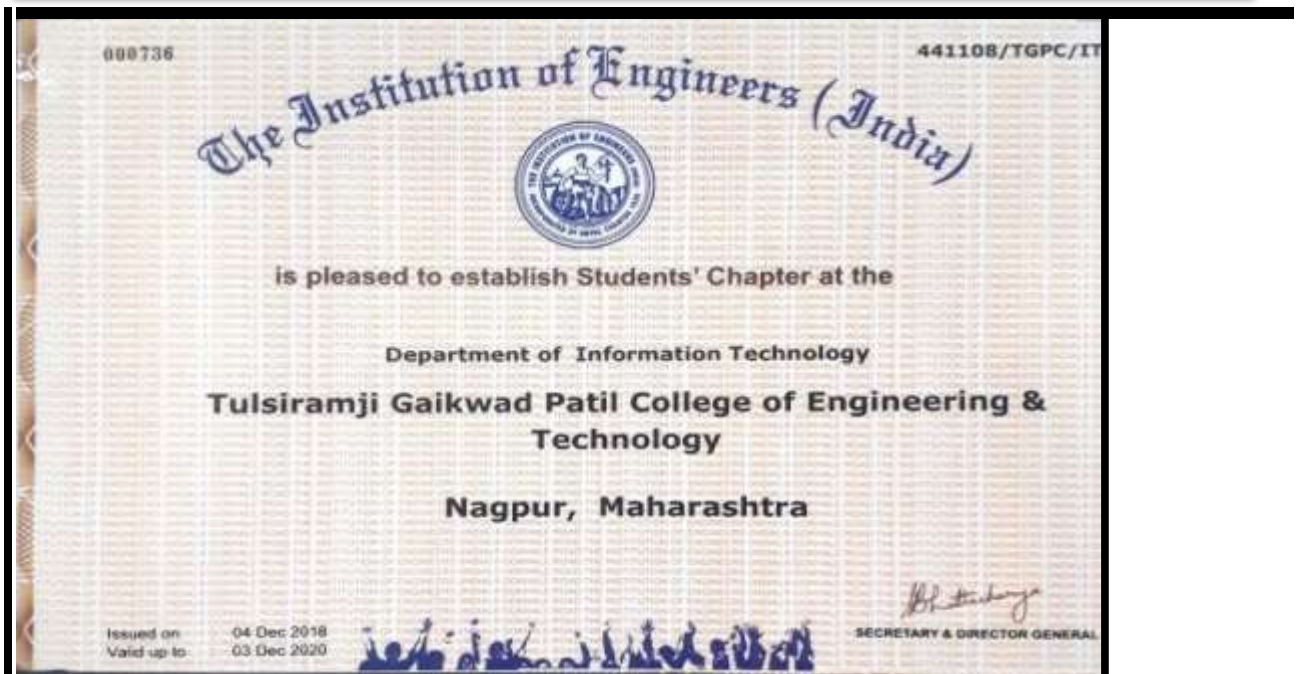
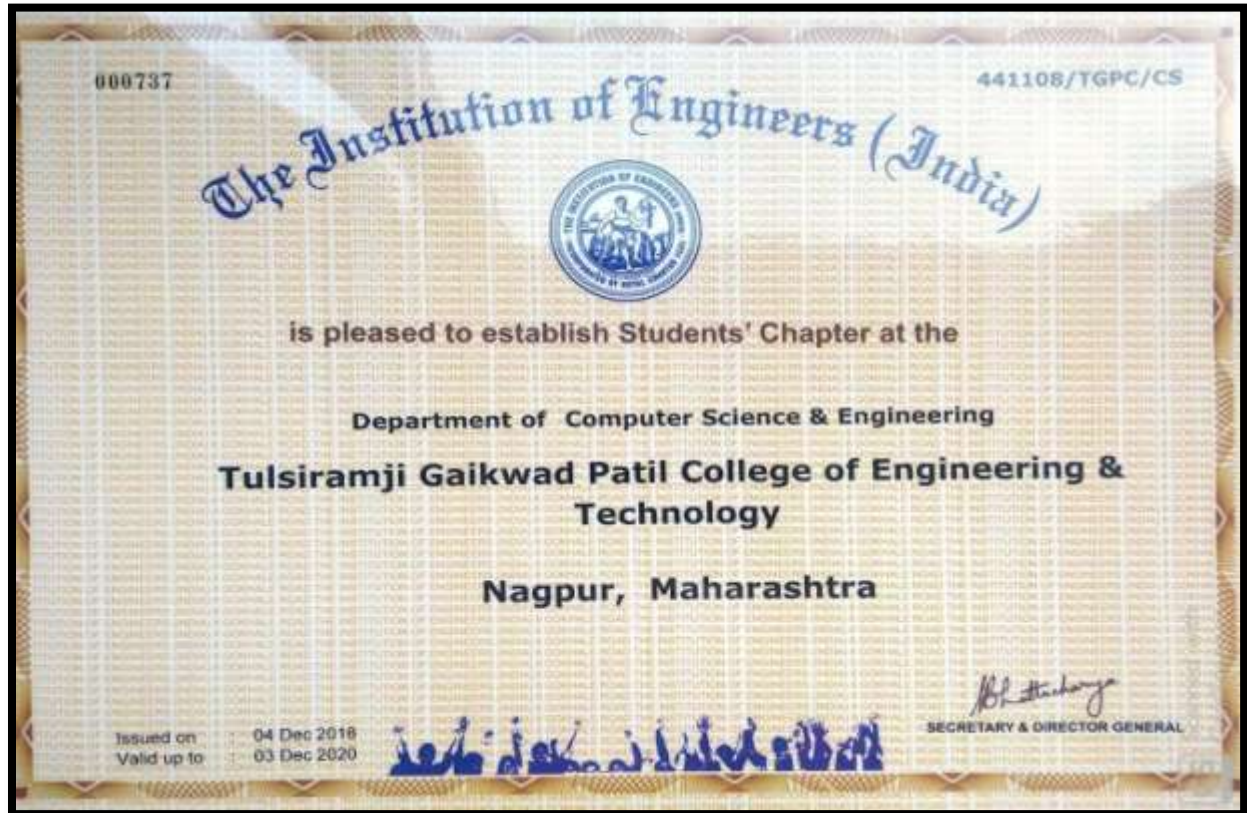
In case of any omission the same should be reported to AICTE immediately.

- The Institute shall strictly follow the provisions laid down in the scheme document and sanction order no: F. No: RIFDUPRERANA/2017-18 dated 06.05.2018 issued by this office unless and otherwise mentioned herein.
- Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant.
- The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.

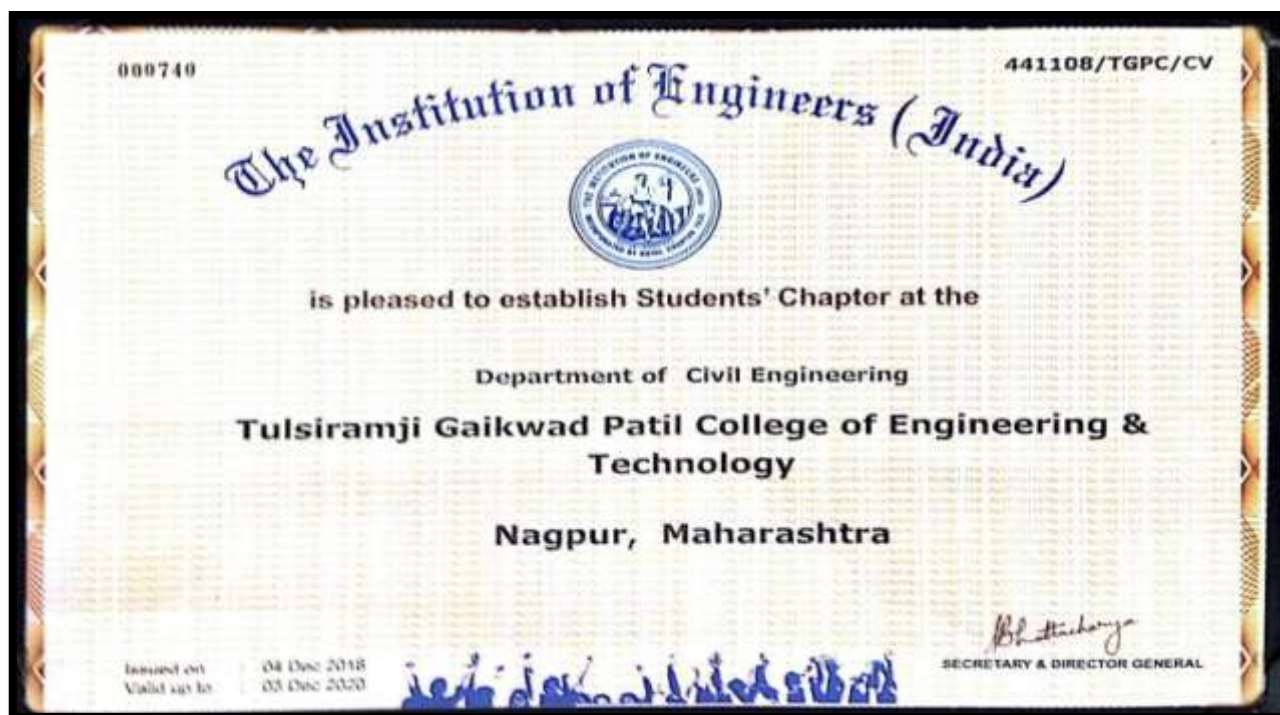
AGS Application Id: 1-067376798 Page No: 1

8. Renew of Professional Society Student Chapters of IE(I)

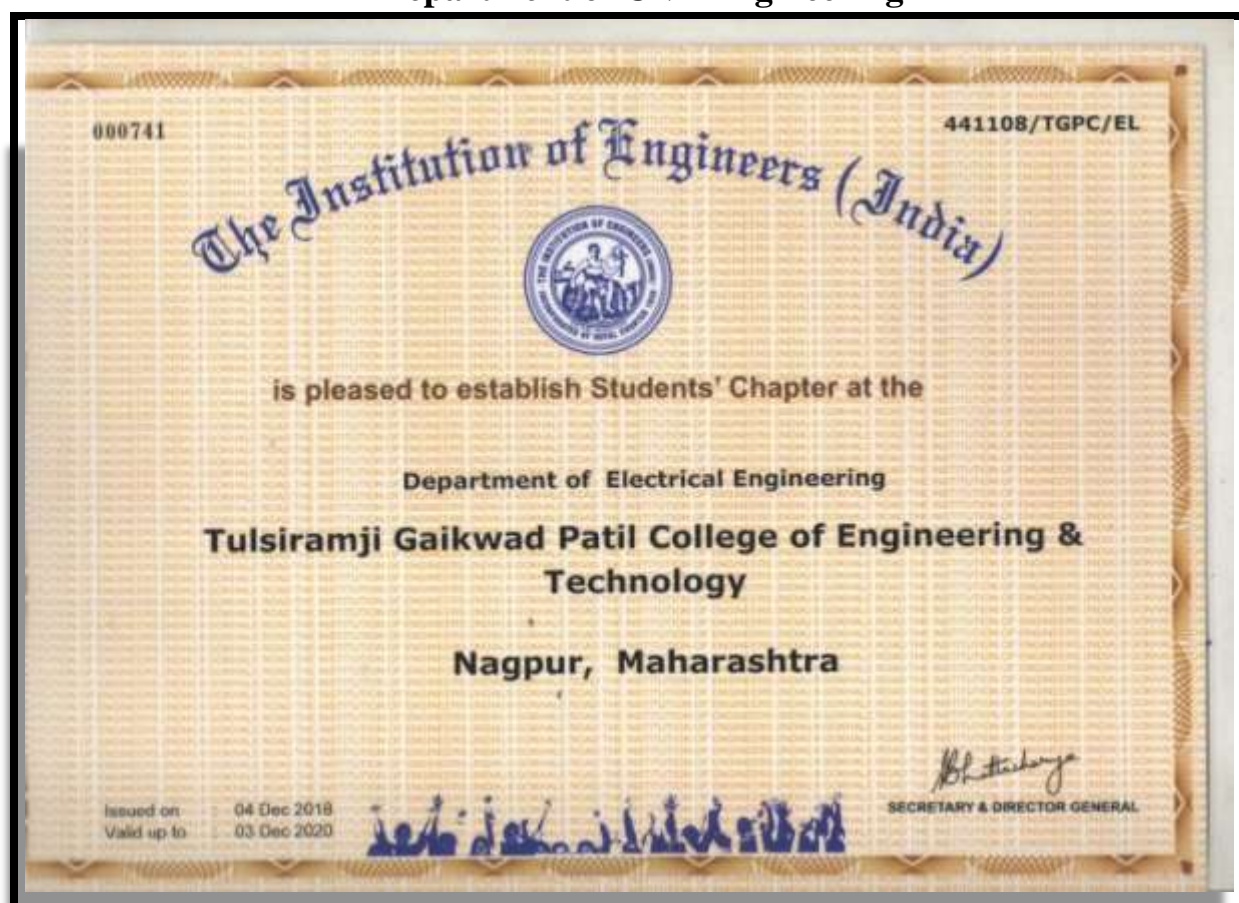
Chapter Certificate (Session 20219-2020)
Department of Computer Science & Engineering



Department of Information Technology

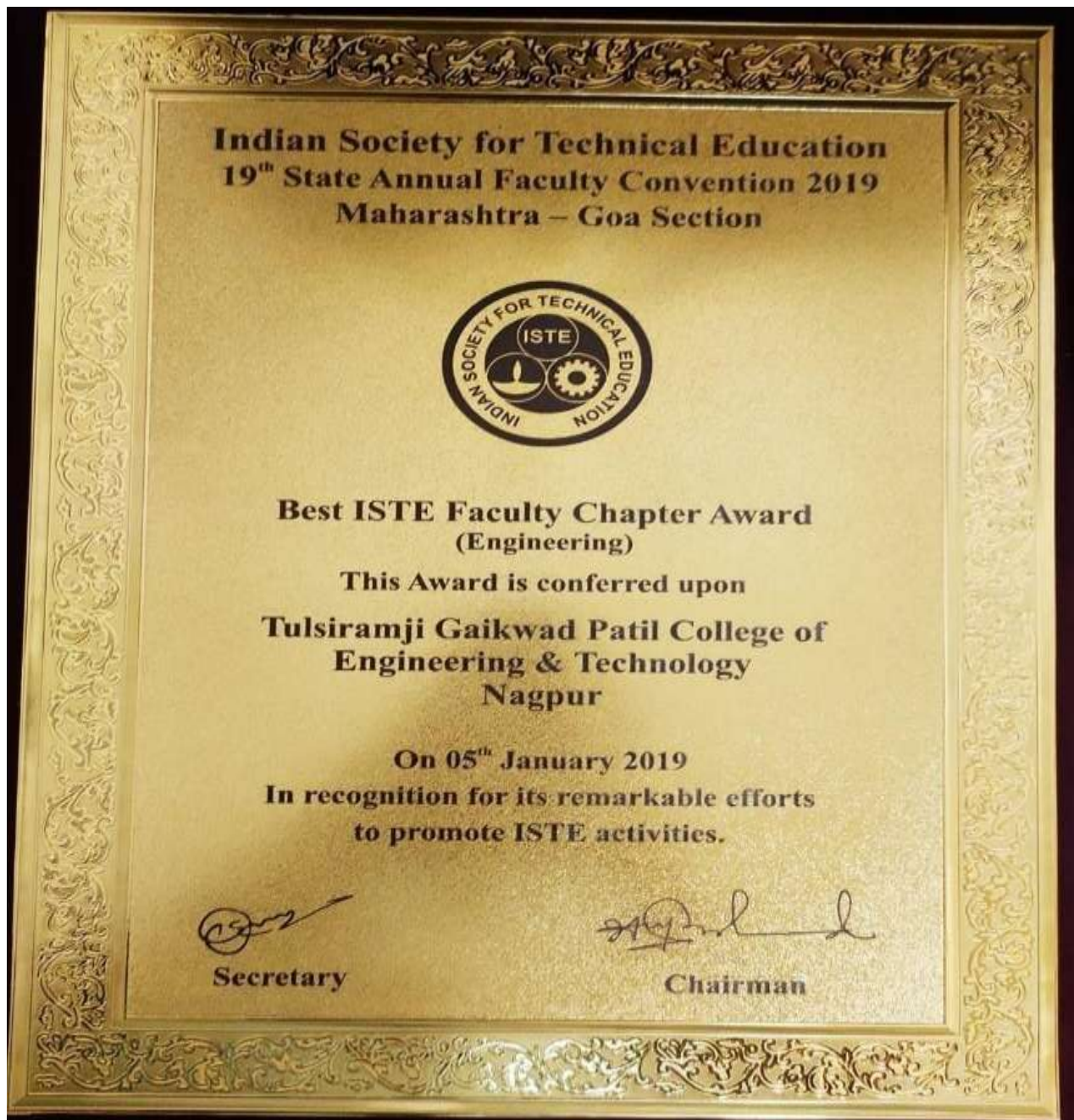


Department of Civil Engineering



Department of Electrical Engineering

9. Renew of Professional Society Student Chapters of ISTE



THE INDIAN SOCIETY FOR TECHNICAL EDUCATION

**19th State Annual Faculty Convention 2019
Maharashtra – Goa Section**



Best ISTE Faculty Chapter Award (Engineering)

This Award is conferred upon

**Tulsiramji Gaikwad Patil College of
Engineering & Technology, Nagpur**

On 05th January 2019

**In recognition for its remarkable efforts
to promote ISTE activities.**


Secretary


Chairman


Events under ISTE Chapter:

Via CiscoWebex


E-Learning and Virtual Learning Opportunities after COVID-19


MP
Mr Mukul Pande

 **Dr. G. K. Awari**
HOD Automobile Engineering
(NBA Accredited)
Government Polytechnic, Nagpur
(106 years old an Autonomous Institute of Government of Maharashtra)

 **NBA**
Automobile Engineering

 **ISTE approved FDP on Opportunities & Challenges in Online Teaching-Learning After COVID-19**
(7/8/2020)

 **ISTE**



+6

E-Learning and Virtual Learning Opportunities after COVID-19

 **Tulsiramji Gai**
College of Engineering & Technology
Mumbai, Maharashtra, India

 **GAJIWAD-PATIL**
GROUP OF INSTITUTIONS

Organizing Webinar in Association with
Indian Society for Technical Education (ISTE), New Delhi
on
“Opportunity and Challenges in Online Teaching and Learning after COVID-19”
7th & 8th August 2020 | 10:00 AM to 12:30 PM

Resource Persons

 **Dr. Shreshtha Vora**
Head of Department
Knowledge Based Systems Engineering
Kerala, India

 **Dr. G.K. Awari**
HOD Automobile Engineering
Government Polytechnic, Nagpur
(NBA Accredited)

 **Dr. D.G. Kulkarni**
Director
Tulsiramji Gai College of Engineering & Technology
Mumbai, India

 **Dr. Rajendra D. Bhat**
Professor & Dean, Technical Affairs
College of Engineering, Nagpur
Active Council Member
ISTE, New Delhi

Opportunity and Challenges in Online Teaching and Learning after COVID-19

10. Renew of Professional Society Student Chapters of ICI

Chapter Certificate



11. Skill development workshop on JAVA



NAAC Accredited

An ISO 9001:2015 Certified Institute

TULSIRAMJI GAIKWAD-PATIL
College of Engg. & Technology, Nagpur

Approved by AICTE New Delhi / Govt. of Maharashtra & Affiliated to RTM Nagpur University, Nagpur
Mumbai Road, Shamirpur, India - 441 109

Department of Information Technology



Report

On

**One Week Industry
Sponsored Online
Certification Program
on Advance JAVA**



Tulsiramji Gaikwad-Patil College of Engineering and Technology
Wardha Road, Nagpur-441 108
NAAC Accredited

Department of Information Technology

Report on

"One Week Industry Sponsored Online Certification Program on Advance JAVA "

**Name of Program: "One Week Industry Sponsored Online Certification Program
on Advance JAVA in association with MG Aricent pvt. Ltd. &
IT Networkz Infosystems pvt. Ltd., Nagpur"**

Date: 13th April 2020 to 18th April 2020.

Learning Objective:

- Understand fundamentals of Java programming such as variables, conditional and iterative execution, methods, etc
- Understand fundamentals of object-oriented programming using Java, including defining classes, invoking methods, using class libraries, etc.
- Be able to use the Java SDK environment to create, debug and run simple Java programs
- Be aware of the important topics and principles of software development and write better & more maintainable code
- Be able to program using advanced Java topic like JDBC, Servlets and JSP.
- Get Good knowledge of Advance concepts of JAVA
- To do project design.

Venue: WhatsApp Group.

Coordinators: Prof. Vijay Bagdi and Prof. Gajanan Patle

Audience: Diploma, B.E. students, Any IT experienced Professional

Trainer:

1. Mr. Bhushan Manekar, Lead System Engineer, Melbourne, Australia
2. Mr. Sumit Kanoje, Sr. Software Developer, Wolters Kluwer, Pune
3. Mr. Sachin Patil, Sr. Software Developer, Synchro Technologies Pvt.Ltd.



Tulsiramji Gaikwad-Patil College of Engineering and Technology
Wardha Road, Nagpur-441 108
NAAC Accredited

Department of Information Technology

4. Mr. Sarang, IT Networkz Infosystem Pvt.Ltd. Nagpur
5. Mr. Rahul Pure, Team Leader, TORANA Enterprises India Pvt.Ltd.
6. Mr. Ashish, Technical Architect, Winner Software Pvt.Ltd.

Total Participants: 400

Summary Report of "One Week Industry Sponsored Online Certification Program on Advance JAVA"

Department of Computer Science and Engineering & Information Technology of Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur organized "One Week Industry Sponsored Online Certification Program on Advance JAVA" in association with MG Aricent pvt. Ltd. & IT Networkz Infosystems pvt. Ltd., Nagpur from 13th April 2020 to 18th April 2020. This workshop is delivered by using WhatsApp as a platform. Around 400+ participants have registered themselves which are from various areas such as Nagpur, Amravati, Gondia, Mumbai, Pune and Andhra Pradesh to mention few. The session begins with Online Opening Remark by Prof. Vijay Bagdi, Assistant Professor of CSE Department and Coordinator of workshop. One Week Online workshop was addressed by six experts from various Multinational Companies, Mr. Bhushan Manekar, Lead System Engineer, Melbourne, Australia, Mr. Sumit Kanoje, Sr. Software Developer, Wolters Kluwer, Pune, Mr. Sachin Patil, Sr. Software Developer, Synechron Technologies Pvt.Ltd., Mr. Sarang, ITNetworkz Infosystem Pvt.Ltd., Nagpur, Mr. Rahul Pure, Team Leader, TORANA Enterprises India Pvt.Ltd., Mr. Ashish, Technical Architect, Winner Software Pvt.Ltd. Topics covered in course are importance of coding and key features of JAVA, Applet, Java swing components, use of JAVA in cloud computing, basics of database, MySQL, JDBC, JSP etc . Study Material to all the participants by ITNetworkz Infosystem Pvt. Ltd., Nagpur. Day to day assignments were given to participants which includes MCQs, Quiz, Puzzle, questionnaires and short programming which





Tulsiramji Gaikwad-Patil College of Engineering and Technology
Wardha Road, Nagpur-441 108
NAAC Accredited

Department of Information Technology

all participants need to submit. E-Certificate were provided to all Participants The workshop is concluded with vote of thanks.

Course Content:

Following course content was covered during the training:

B.E B.Tech M.Tech MBA MCA Diploma International School Skill Development	 Tulsiramji Gaikwad-Patil College of Engineering & Technology, Nagpur NAAC ACCREDITED	 GAIKWAD-PATIL GROUP OF INSTITUTIONS DTE Code:- 4151
	One Week Industry Sponsored Online Certificate Program on Advance JAVA Programming Technology	
	Workshop	
	Day	Topic to be Covered
	Day-1	Session I: Concept of Java Programming, How is Java Unique?, High-level Programming Principles, Java Programming Paradigm, Java Programming Features, C/C++ versus Java Session II: : Java Programming for Applet, Structure of an Applet, Input to an Applet, Application Versus Applet, Applet Basics, Applet Skeleton and Syntax Designing an Applet, The Applet Tag in HTML, Status Window in Applet, Some Interesting Facts, Banner Applet, Scribble Applet, Calculator Applet.
	Day-2	Session I: AWT Concept, GUIs with AWT, GUIs with AWT Component, GUIs with Layout Managers, Flow Layout, Border Layout, Grid Layout, Card Layout Session II: GUIs with AWT Component, Frame, Panel, Button, TextField, TextArea, List, Choice, ChoiceBox, Label, Scrollbar, etc.
	Day-3	Session I: Basics of Swing, Java Swing Components (Part-I), Java program on Swing Component(Part I) Session II: Java Swing Components (Part-II), Java swing Calculator, Java program on Swing Component(Part II)
Day-4	Session I: Basics of Networking, Networking Technologies, Communication Protocols, java.net Package, Class URL, Class URLConnection, Class HttpURLConnection, Class InetAddress, Class DatagramSocket, Class DatagramPacket, Class ServerSocket, Class Socket Session II: Java Networking Programs: Simple Client-Server using UDP, Simple Client-Server using TCP, Dialogue Client-Server, Dialogue Client-Server (Remote), Concurrent Server	
Day-5	Session I: DBMS Basics and SQL, MySQL Basics, Installation of MyBasics, Some SQL Statements Execution with MySQL, Basics of JDBC Driver, Some SQL Statements Execution with JDBC, java.net package for JDBC, Communication between Java Application and MySQL Session II: Database through JDBC, Installation of MySQL, DBMS related Tasks with MySQL, Installation of JDBC Driver, DBMS related Tasks with MySQL Ththrough JDBC, Execution of SQL Statement from Java Applications, Processing results using JDBC	
Day-6	Session I: JSP Introduction, JSP Scripting elements, Implicit object, JSP Directive Element, JSP Exception, Action Element Session II: Expression Language, MVC in JSP, JSTL, JSP Custom Tag, JSP Pagination, JSP CRUD, Development in JSP	
Website: www.tgpcet.com Contact No. 9011009867, 8554986437		



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Department of Information Technology

Outcomes:

- 1 To learn about JAVA Applet.
2. Learn the Internet Programming, using Java Applets.
3. About GUI Component
4. Apply event handling on AWT and Swing components.
5. Learn about JAVA Networking
6. Database Connectivity using JDBC
7. Dynamic web pages using Servlets & JSP
8. Learn about JAVA Server Page and Garbage collection in JAVA
9. Create Dynamic Web pages, using Servlets and JSP.
10. Team work and time management.



Lokmat Times

Students should enhance skill in Java programming: Experts

LOKMAT NEWS NETWORK
NAGPUR, APRIL 23

Department of Computer Science and Engineering and Information Technology of Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur organised week-long industry sponsored online certification programme on 'Advance Java' in association with a private networking company.

The workshop was addressed by six experts from various multinational companies namely lead system engineer, Bhushan Manekar from Melbourne in Australia, senior software developers and Sachin Patil both from Pune, Sarang from Nagpur, Rahul Pure and Ashish, technical architect. They asserted that that this is a unique

•This workshop was conducted by using WhatsApp as a platform. Around 400 participants registered themselves from various cities such as Nagpur, Amravati, Gondia, Mumbai, Pune and Andhra Pradesh.

situation and the objective of this programme is to enhance the skills in Java programming.

This workshop was conducted by using WhatsApp as a platform. Around 400 participants registered themselves from various cities such as Nagpur, Amravati, Gondia, Mumbai, Pune and Andhra Pradesh.

Bhushan Manekar

emphasised need and importance of coding and key features of Java. Later on other experts discussed topics on Applet, Java swing components, use of Java in cloud computing, basics of database, MySQL, JDBC, JSP etc. Sarang from Nagpur shared his experience in Java programming and provided study material to all the participants.

At the end, all the queries raised by the participants were answered by the experts.

In this one week workshop, daily assignments were also given to participants that included MCQs, quiz, puzzle, questionnaires and short programming. E-certificates were given away to all the participants.

Prof Vijay Bagdi and Prof Gajanan Patle co-ordinated of the programme.

12. Skill developments for teaching staff - "Key to Classroom Excellence"





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DTE Code - 4153

TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology
Wardha Road, Nagpur - 441108



INVITATION

Dear Sir/Madam,

You are cordially invited for the Inaugural Function of One Week Online Faculty Development Program on 8th June 2020 at 11:00am

Advanced Research Methodology & Innovative Teaching Pedagogy

8th - 13th June 2020

in association with



The Institution of
Engineers (India)



Indian Society for
Technical Education

Note: Kindly join us for inaugural of session on Webex



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

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Department of Computer Science & Engineering

Department Vision & Mission

Vision :

To enhance and empower the capability of youth in education and research being capable of offering innovative solutions to the challenges faced in the computing community.

Mission :

- To provide the quality education which contribute towards the rapidly changing computing environment.
- To develop thinking professionals who will solve the professional & social issues.
- To establish linkages to strengthen industry-academia relationships for mutual growth.
- To engage in the lifelong learning process and to solve the global challenges in computer science domain.
- To inculcate moral and ethical values to lead the society.

Program Educational Objectives

PEO1: Apply knowledge with mathematics, logical programming, to frame engineering solutions in the computing domain.

PEO2: Able to analyze, design, implement, and validate for software development.

PEO3: Apply emerging technology by communicating effectively as a team.

PEO4: Improve the security, cost, utility, etiquette and ethics by their computing abilities.

PEO5: Adopt emerging technology and advance in career for fulfilling the societal needs by lifelong learning.

Program Outcomes (POs)

1. Engineering Knowledge
2. Problem Analysis
3. Design/development of solutions
4. Conduct investigations of complex problems
5. Modern tool usage
6. The engineer and society
7. Environment and sustainability
8. Ethics
9. Individual and team work
10. Communication
11. Project management and finance
12. Lifelong learning



Aim of Program:

The purpose of organizing this webinar is to promote and improve Advanced Research and Innovative Teaching Methods.

Objective of Program:

The main objective of this FDP is to explore knowledge about research methodology and tools & techniques for teaching pedagogy.

- To get guidelines for publishing paper in Top-notch journals
- To understand importance of ethics in research
- To know pedagogical innovations with use of ICT
- To get innovative ideas for 21st century education
- To write successful research paper
- To make classroom learning and teaching effective
- To know importance of teachers personality in language pedagogy
- To write good technical report
- To understand scientific and technical writing

Introduction of Program:

In the current situation of nationwide lockdown due to adverse impact of the coronavirus pandemic, online education is turning out to be a substitute to traditional modes and also disturbed the academic calendar of all over the world. Looking to such current crisis, Department of Computer Science and Engineering of Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur has organized One Week Online Faculty Development Program which is the first big attempt at kick-starting the virtual teaching era in India. This Faculty Development Program is on "Advanced Research Methodology and Innovative Teaching Pedagogy" in association with The Institution of Engineers(India) and Indian Society for Technical Education from 8th June 2020 to 13th June 2020. This FDP marks esteem presence of various eminent speakers from PAN India Hon. Former Director, SVNIT, Surat, Dr. Prakash D. Porey, Dr. Pratap K.J. Mohapatra, IIT Bhubaneswar, Dr. Rajkumar Gubari from IIT Bhubaneswar, Dr. Madhavi Reddy Kesani from NIT Warangal, Dr. Prasanta Kumar Acharya from Rajiv Gandhi University, Annaadil Prafesh and Dr. Sheo Kumar Professor and Head of Computer Science and Engineering Department CMR Engineering College, Hyderabad, Telangana. The main objective of this Department of CSE.

13. Seminars/workshops on IPR conducted- “Copyright and Internet Revolution”





GAIKWAD-PATIL
GROUP OF INSTITUTIONS

Date: 27/06/2020

Time: 10:30 AM to 11:30 AM



Google Meet

Webinar

On

Intellectual Property Rights & Patent Filing Procedure

Speaker



Mr. Amit Satpute
Senior Executive, IPR
Aurobindo Pharma, Hyderabad

***Association
With***



Organized By

Department of Electrical Engineering



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TULSIRAMJI GAIKWAD-PATIL

College of Engineering & Technology, Nagpur
NH-7, Mohgaon, Wardha Road, Nagpur - 441 108

Approved by AICTE, New Delhi & Govt. of Maharashtra, Affiliated to RTM Nagpur University



Tulsiramji Gaikwad-Patil College of Engineering and Technology

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Department of Electrical Engineering

Webinar on Intellectual Property Rights

Title of Webinar: Intellectual Property Rights & Patent Filing Procedure

Mode of Program: Online (Google Meet)

Duration: 1 Hrs. (One Day)

Program Time: 10:30 am to 11:30 pm

Total Participants for Webinar: 108(Students of EE Department)

**Expert of the Program: Mr. Amit Satpute, Senior Executive,
Aurobindo Pharma, Hyderabad**

Coordinators of Program: Mr. Chetan Jambhulkar, Asst. Professor, Dept. of EE

Scheduled of program:

1. Create the link on Google meet app and scheduled the meeting
2. Circulate the link among all the students and inform them to join the webinar
3. Introduction of speaker by Mr. Chetan Jambhulkar
4. Webinar Session on IPR Knowledge to the students
5. Students Question-answer session.
6. Vote of thanks by final year student Ms. Naina Gaisamudre.
7. Feedback form uploaded on Google Form and shared to participants on daily basis by Mr. Chetan Jambhulkar.

Aim of Program:

To understand the meaning and forms of Intellectual Property and Patent Filing Procedure to the students.

Objectives of Program:

This webinar will provide you with an introduction to basic concepts and definition of Intellectual Property (IP) and Intellectual Property Rights (IPR). Additionally, participants are given a first overview of existing practices and processes related to IP management. In the webinar Sir will also imbibe practical knowledge in the field of IPR through which the participants will know more about the subject area and will also know about the practicality of the subject into the Legal Realm.

Introduction of Program:

The whole world is going through COVID-19 pandemic so all the students of the department are at home, by taking this opportunity, department of Electrical Engineering of TGPCET, have conducted the "Intellectual Property Rights & Patent Filing Procedure" and make them available through Google meet app in front of all the students of EE department. Total 108 participants (Students) registered for this online Webinar. The participants were from department of Electrical Engineering Students only.

Outcome of Program:

After the webinar, participants should be able to answer the following main questions:

- ❖ What is Intellectual Property (IP)?
- ❖ What is Intellectual Property Rights (IPR)?
- ❖ Why should I deal with IP/IPR issues? Why should IP be an integral part of my business strategy? Which is the first step to be taken?
- ❖ Which IP protection tools exist can I use (e.g. trademarks, patents etc.)?
- ❖ What are the approximate costs of IPR?
- ❖ What are the basic mechanisms of making money with IP?
- ❖ Why are IP searches important?
- ❖ How do I perform basic IP searches? Which tools exist?
- ❖ What do infringement and counterfeiting mean?
- ❖ How can IPR enforced?

About the Session:

The session was started by Mr. Amit Satpute, Senior Executive IPR, Aurobindo Pharma, Hyderabad. On the topic “**Intellectual Property Rights & Patent Filing Procedure**”, the key points told by the expert to the student in the session as follows.

He starts with the basic concepts of Intellectual Property Rights. “Intellectual property” are type of property that results from creation of the human mind, the intellect. Intellectual property management starts with the germ of an idea. IP by itself neither helps nor hinders development necessarily. It is how laws, policies and practices are designed and used in different countries that determine whether IP is effective for development purposes. Further, there are intellectual assets and then there are intellectual properties- intellectual properties are where a government gives you an authority in return of an annuity, just like normal property; but before an IP there is something called the intellectual assets, where you keep them as trade secrets

He also added, Intellectual property is the area of law that deals with protecting the rights of those who create original works and in this instance, in the field of eLearning. It covers everything from original plays and novels to inventions and company identification marks. The purpose of intellectual property laws is to encourage new technologies, artistic expressions and inventions while promoting economic growth. When individuals know that their creative work will be protected and that they can benefit from their labor, they are more likely to continue to produce works that create jobs, develop new technology and make processes more efficient. There are three main mechanisms for protecting intellectual property in the United States namely: copyrights, patents and trademarks.

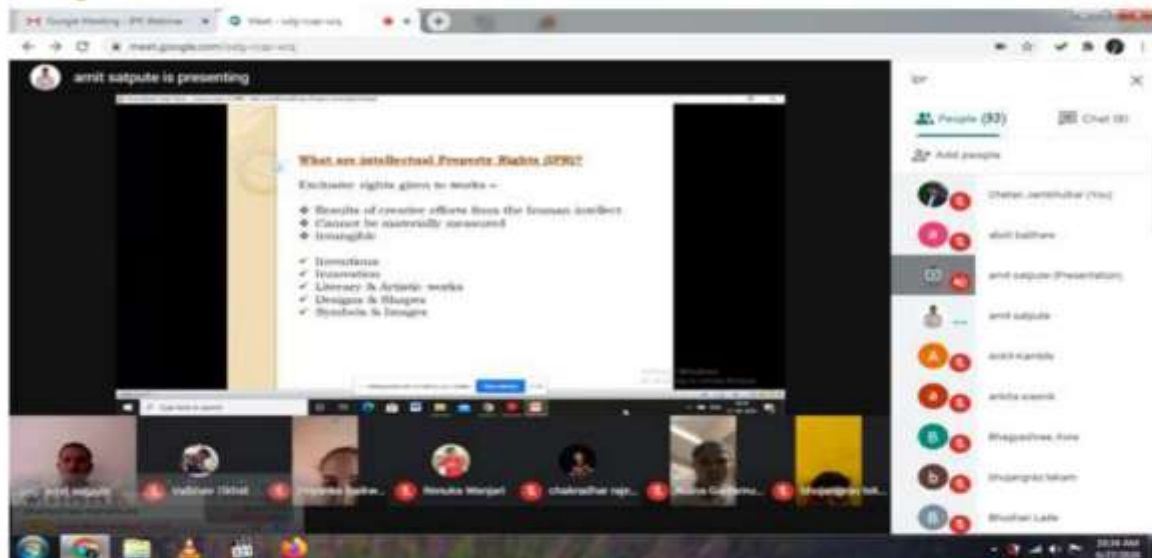
He encourage the students with his fantastic talk and many more best example of his electric motor patent related work Further he told students in always keep themselves engage in technical activities that made new innovation in enriching mind and a person should always be a learner throughout his life. With these he ended up his session very finely and cultivating students of electrical engineering department with his webinar.

This Online Program helps student to learn about

- Outcomes:**

Conclusion:

Glimpses:-



Feedback Analysis of Online Webinar



Prof. Radharaman Shaha,
Head,
Department of Electrical Engineering
Convener of the Program

Mr. Chetan Jambhulkar,
Asst. Professor,
Department of Electrical Engineering
Coordinator of Program

14. Community and Social services programs conducted-



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National Service Scheme

Activity:	Marathi Rashtrabhasha Diwas & National Science Day		
Activity Type:	Social	Planned/Unplanned:	Planned
Activity Date:	28th February, 2020	Target Audience:	All
Branch:	All	Semester:	All
Organizing Department:	NSS Unit		
Faculty Convener:	Mr. A. C. Fulzele		
No. of Participant:	239		

Brief Report/Summary of Activity:-

The National Service Scheme units of Gaikwad-Patil group celebrated Marathi Rashtrabhasha Diwas & National Science Day in the campus on 28th February, 2020. The programme started with traditional lighting of lamp by the hands of Chief Guest Hon'ble Dr. P. Sivaswaroop, Regional Director, Nagpur & Guest of Honour was Prof. Anand Manjarkhede, Marathi Vidnyan Parishad, Nagpur Division, Nagpur, was followed by saraswati vandana. The main aim to celebrate the National Youth Day was to encourage the youths to learn and propagating science in society. The main objective is to disseminate scientific knowledge mainly through Marathi language. To enrich the Marathi language for the expression of scientific thought. To enhance the importance of science in life. To contribute to reserach and advancement of science.

In the speech, Dr. P. Sivaswaroop said that, Science has led us to finding out things that give us what we have today. In fact without science we would not have electricity which would mean no mobiles, internet, Facebook we would not have fridges to keep food fresh, television to entertain or even cars to travel in. Today science influences so many different things that trying to list them all would mean this page could go on forever. Science has influenced the medical industry that today reduces thousands of deaths every day.

In the end of the function the vote of thanks was given by Prof. Sandeep Gaikwad, Treasurer, GPGI. The program was coordinated by Prof. Ashwadeep Fulzele. The program was successfully conducted under the guidance of Hon. Prof. Pragati Patil, Vice-Principal of TGPCET(Admin.). The occasion was graced by the presence of Hon'ble Dr. Mohan Gaikwad-Patil Chairman GPGI, Hon'ble Prof. Sandip Gaikwad Patil Treasurer of GPGI, Hon'ble. Dr. Prashant Kadu Principal of the AGPCE. Hon. Dr. S.S. Rathore Principal of TGPCET, Hon. Dr. Prabha Nair Vice-Principal (Academic) of TGPCET, Hon'ble Anil Hood, Executive Director of GPGI. Hon. Dr. Geeta Gaikwad (Admission Incharge of GPGI) Heads of all Departments, the faculties and non-teaching staff of various department of the Group. They worked as a team to make the event successful.

Outcome of Event:- To accelerate the efforts to achieve universal sanitation coverage and to put focus on clean surrounding.

Mapping with PO's:-

The engineer and society

Life-long learning



National Service Scheme

Glimpses of Event :-



Lamp Lightening Ceremony by Dr. P. Sivaswaroop, Dr. Mohan Gaikwad-Patil and other dignitaries



Guests occupying their seats on dais



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Felicitation of guest Prof. Anand Manjarkhede by Dr. Mohan Gaikwad-Patil



Group of Students attending the event

(Signature)
NSS Program Coordinator
Tulsiramji Gaikwad-Patil College
of Engineering & Technology.



National Service Scheme

Session 2019-20

National Service Scheme (NSS) Unit Event Report

Activity:	Blood Donation Camp		
Activity Type:	Social	Planned/Unplanned:	Planned
Activity Date:	18 th July, 2019	Target Audience:	All
Branch:	All	Semester:	All
Organizing Department:	NSS Unit		
Faculty Convener:	Mr. A. C. Fulzele		
No. of Participant:	88		

Brief Report/Summary of Activity:-

A voluntary blood donation camp was organized by TGPCET-NSS Unit on 18th July 2019 in college campus. During the camp around 88 youth and the college staff came forward to donate the blood along with the Chairman of the Group. Dr. Mohan Gaikwad-Patil took active initiative and came forward to donate blood. The camp was organized in association with Rainbow Blood Bank, Nagpur.

The camp dated on 18th July 2019 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. Donating blood is a vital way to help save lives. Along with helping save lives, there are a number of reasons why donating blood is important. Despite medical and technological advances, blood cannot be made, so donations are the only way we can give blood to those who need it. He also addressed other fears and misconception regarding blood donation. The special appreciation was given to NSS Unit by Shri. Anil Hood, Executive Director, GPGI. Prof. Ashwadeep C. Fulzele, Program Officer, TGPCET-NSS Unit organized blood donation camp in healthy atmosphere.

Outcome of Event:- Blood donors are a critical life-line for millions in the country. One thing that all blood donors have in common is a feeling of pride, knowing that the blood they donated will have a profound impact on someone who is in need, making blood donation an essential duty of our citizenry.

Mapping with PO's:-

The engineer and society
Life-long learning

Glimpses of Event :-





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National Service Scheme



Students, Teaching and Non-Teaching Staff participating in Blood Donation Camp



[Signature]
Program Officer

NSS Programme Coordinator
Tulsi Ramji Gaikwad-Patil College
of Engineering & Technology,
Nagpur.



National Service Scheme

Activity:	Tree Plantation Programme		
Activity Type:	Environmental	Planned/Unplanned:	Planned
Activity Date:	15 th August, 2019	Target Audience:	All
Branch:	All	Semester:	All
Organizing Department:	NSS Unit		
Faculty Convener:	Mr. A. C. Fulzele		
No. of Participant:	143		

Brief Report/Summary of Activity:-

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 2019. Around 143 volunteers along with faculties of TGPCET planted the saplings in the college campus taken an oath of planting and nurturing more and more number of trees. Prof. Ashwadeep C. Fulzele, NSS Program Officer, TGPCET-NSS Unit took the responsibility of nurturing all these trees from NSS Unit.

In the inaugural ceremony Hon'ble Chairman said that, trees play an important role in an ecosystem by maintaining ecological balance and equilibrium. Trees hold the soil in which they grow. As a result the fertile top soil is held securely; otherwise it may get drained or washed away in water such as during rains and floods. Trees are the natural habitat for many wildlife species that includes mammals, birds, reptiles and insects. Trees play a vital role in climate. A micro-habitat formed by planting trees can create a green and natural area, and a micro-climate that is healthy for all the life forms, including man, that inhabit the area.

Outcome of Event:- It is very important to save trees. Planting trees helps in increasing the green cover of the Earth, and improve the environment. Trees play an important role in an ecosystem by maintaining ecological balance and equilibrium.

Mapping with PO's:-

The engineer and society

Life-long learning

Glimpses of Event :-



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Tree plantation by the Guest and other dignitaries



Tree plantation by the Guest and other dignitaries

meht
NSS Programme Coordinator
Tulsiramji Gaikwad-Patil College
of Engineering & Technology,
Nagpur



National Service Scheme

Activity:	Youth Day		
Activity Type:	Social	Planned/Unplanned:	Planned
Activity Date:	11 th January, 2020	Target Audience:	All
Branch:	All	Semester:	All
Organizing Department:	NSS Unit		
Faculty Convener:	Mr. A. C. Fulzele		
No. of Participant:	847		

Brief Report/Summary of Activity:-

The National Service Scheme units of Gaikwad-Patil group celebrated National Youth Day with zeal and fervor in the campus on 11 January 2020. The programme started with traditional lighting of lamp by the hands of Chief Guest Hon'ble Swami Jnangamyana, Ramkrushan Math, Nagpur & was followed by saraswati vandana. The main aim to celebrate the National Youth Day was to encourage the youths to learn the ideals and teachings of Vivekananda and implement them in their lives. National Youth Day is observed in India on January 12 on the birthday of Swami Vivekananda. In 1984 the Government of India declared the day as the 'National Youth Day' and since 1985 the event is celebrated in India every year. Swami Vivekananda was a great person who always believed in the youth power to lead and nourish the ancient culture of the country. Swami Vivekananda always said "youth is the best time and the way in which you utilise your time will decide the coming years that lie ahead of you."

Hon'ble Prof. Pragati Patil, Vice-Principal, threw light on the historical background, and highlighted the importance of National Youth Day in her speech. She encouraged the students to share the social responsibilities for sharpening their lives and increasing self confidence in addition to the academics. The Chief Guest Hon'ble Swami Jnangamyana, enlightened the audience about treasures of Indian culture and philosophy along with the lives and achievements of great people from various walks of life. The executive Director of GPG Hon'ble Prof. Anil Hood said "I urge every young Indian, irrespective of faith and religion, to be inspired by such a thinker and philosopher as they have build their own future"

In the end of the function the vote of thanks was given by the NSS Program Officer of the college. The program was coordinated by Prof. Ashwadeep Fulzele. The program was successfully conducted under the guidance of Hon. Prof. Pragati Patil, Vice-Principal of TGPCET(Admin.). The occasion was graced by the presence of Hon'ble Dr. Mohan Gaikwad-Patil Chairman GPGI, Hon'ble Prof. Sandip Gaikwad Patil Treasurer of GPGI, Hon'ble. Dr. Prashant Kadu Principal of the AGPCE. Hon. Dr. S.S. Rathore Principal of TGPCET, Hon. Dr. Prabha Nair Vice-Principal (Academic) of TGPCET, Hon'ble Anil Hood, Executive Director of GPGI, Hon. Dr. Geeta Gaikwad (Admission Incharge of GPGI) Heads of all Departments, the faculties and non-teaching staff of various department of the Group. They worked as a team to make the event successful.

Outcome of Event:- To accelerate the efforts to achieve universal sanitation coverage and to put focus on clean surrounding.

Mapping with PO's:-

The engineer and society

Life-long learning





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Glimpses of Event :-



Felicitating of Chief Guest Swami Jnangamyana by Dr. Mohan Gaikwad, Chairman, GPG



Chief Guest Swami Jnangamyana and others on Youth Day





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National Service Scheme



Group of Students attending the event



Program Officer
NSS Programme Coordinator
Tulsiramji Gaikwad-Patil College
of Engineering & Technology,
Nagpur.

15. Implementation in activities of the Mentoring cell

TGPCET/CIVIL



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Department of Civil Engineering

Name of Activity: Conduction of the Parents- Teacher Meet in the Department

Date of Activity: 14 September, 2019

Aim: To convey academic records of students.

Objectives:- Establishing the rapport between Teacher, Students & Parents.

Methodology:-

- One teacher is assigned as a teacher guardian for 20-25 students.
- Teacher guardian maintained all record of students (academic & personal records)
- Teacher guardian personally interacts with parents regarding overall performance of students.

Outcome:

- Parents are aware about the academic status of their wards.
- Counselling of the students is helping to improve his/her performance in academics.

Parents Visited the College Details:

Sr. No.	Name Of Student	Parents Name	Sem	Name Of Teacher Guardian
1	Surbhi Chatte	Mr. Ramdas Chatte	3rd	Prof.Sanjay Bhadke
2	Aarti Bhalekar	Ms. Anjali Bhalekar	3rd	Prof. Amey Khedikar
3	Prachi Humane	Mr.Milind Humane	3rd	Prof. Amey Khedikar
4	Vaibhav Warade	Mr. Mukunda Warade	3rd	Prof.Sanjay Bhadke
5	Prachi Somkuwar	Mr.Rajesh Somkuwar	3rd	Prof. Amey Khedikar
6	Aishwarya Waydude	Mr. Madhukarrao	3rd	Prof. Amey Khedikar
7	Vivekanand Chauragade	Mrs. Lalita Chauragade	3rd	Prof.Sanjay Bhadke
8	Tejas Pawade	Mr.Manoharrao Pawade	3rd	Prof.Sanjay Bhadke



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Department of Civil Engineering

9	Prathmesh Tangade	Mrs.Seema Tangade	5th	Prof. Tina Khandale
10	Neha Pajankar	Mrs. Maya Pajankar	5th	Prof. Tina Khandale
11	Arpit Mendhule	Mrs. Sangita Mendhule	5th	Prof. Shubhangi Meshram
12	Pranav Gole	Mr. Rameshwar Gole	5th	Prof.Tina Khandale
13	Devendra Pawar	Mrs. Vandana Pawar	3rd	Prof. Amey Khedikar
14	Sonal Kale	Mr. Yuvraj Kale	5th	Prof. Tina Khandale
15	Manoj Murkhe	Mr.Ashok Murkhe	5th	Prof. Tina Khandale
16	Yogini Sawale	Mr. Ravindra Sawale	5th	Prof.Tina Khandale
17	Devanshu Ramekar	Mr.Devanand Ramekar	7th	Prof. Aasif Baig
18	Ajinkya Pachare	Mr. Anandrao Pachare	5th	Prof. Shubhangi Meshram
19	Ankit Ghughuskar	Mr.Ganesh Ghughuskar	5th	Prof. Shubhangi Meshram
20	Dhanraj Rathod	Mr. Rohidas Rathod	5th	Prof. Shubhangi Meshram
21	Kirti Patil	Mr. Devanand Patil	5th	Prof. Shubhangi Meshram
22	Roshan Rathod	Mr. Datta Rathod	5th	Prof.Tina Khandale
23	Shweta Gajbhiye	Mr. Natthu Gajbhiye	5th	Prof.Tina Khandale
24	Vinod kokate	Mr.shivaji kokate	5th	Prof.Tina Khandale



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Department of Civil Engineering

Glimpses of Activity:



Prof. Shubhangi Meshram Dissussing with
Parents during Parents Teacher Meet



Prof. Shubhangi Meshram Dissussing with
Parents during Parents Teacher Meet



Prof. Amey Khedikar Dissussing with Parents
(7th sem) during Parents Teacher Meet



Prof. Tina Khandale Dissussing with Parents
(5th sem)during Parents Teacher Meet

Tina Khandale
T.G Incharge
Assistant Professor
Department of Civil Engineering
T.G.P.C.E.T.

Amey Khedikar
HOD (Civil Engineering)
H.O.D.
Department of Civil Engineering
T.G.P.C.E.T.Nagpur.



Name of Activity: Conduction of the Parents- Teacher Meet in the Department

Date of Activity: 14th September, 2019

Aim:

Aim is to create a common platform, where teacher and parents come together to discuss students performance and devise ways to enrich learning their experience.

Objectives:-

- To involve the parents in the overall development of the students.
- To prepare a better action plan to improve student's performance in the class by consulting with the parents.
- To make the parents to keep in touch with respective faculties and the department by undertaking various events under the Parents Meeting.
- To make the parents see the effective participation of their ward in extra-curricular activities and encourage so.
- To set the further goals for improvement of students by developing closer relations and interactions among parents, faculty and students

Methodology:

- Invited the parents for parents teacher meet
- Meeting of Parents with respective TG's & Head of the Department

Outcome:

- The teacher guardian briefs the parents about their ward's performance during Unit Test & Mid Term.
- Identify the areas of strength & Weaknesses of child & Sorted out ways to boost the child performance.
- Parents were encourage to appreciate students participation in all academic activities this helps to create the necessary consequences among the parents to stimulate their interest in the student and the college
- Parents gave the suggestion for the academic development



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Department of Computer Science & Engineering

- The meeting helps to create better understanding between parents & Teachers
build harmonious relationship between the college & community

Parents Visited the College Details:

Sr. No.	Name of Student	Parents Name	Sem	Name of Teacher Guardian
1	Ms.Gayatri Rakshak	Mrs.Kalpna Rakshak	III	Ms. Priyanka Bhende
2	Ms.Vaishani Headoo	Mr.Tarachand Headoo	III	Mr. Vidya Bodhe
3	Ms.Vaishnavi Lohkare	Mrs.Nanda Bhusari	III	Mr. Vidya Bodhe
4	Ms.Nayana Kapse	Mr.Vijay Lonare	III	Ms. Priyanka Bhende
5	Mr.Shubham Khodke	Mrs.Durga Khodke	III	Mr. Vidya Bodhe
6	Ms.Rijwana Sheikh	Mr. Hafiz Sheikh	V	Ms.Gulrukh Nazneen
7	Ms.Trushali Pardhi	Mr. Prakash Pardhi	V	Mr.Jiwan Dehankar

Glimpses of Activity:



Discussion with Parents of Vaishnavi Headau (3rd Sem CSE)



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Discussion with Parents of Nayana Kapse (3rd Sem CSE)



Faculty members with Parents of students


TG Coordinator


HoD, CSE

16. Improvement in linkage developed with National/ International academic /research bodies

**[http://www.tgpcet.com/NAAC-Criteria/3/3.5.2-
2019-20.pdf](http://www.tgpcet.com/NAAC-Criteria/3/3.5.2-2019-20.pdf)**

17. Compulsion of Internship Program

TGPCET/ECE



Tulstranji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

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Department of Electronics & Communication Engineering

Session 2020-21

INTERNSHIP REPORT

Sr. No.	Name of Student	Name of Company
1	ATHARWA DESHPANDE	MELTEK INFOSYSTEMS PVT.LTD
2	ANKITA WAKEKAR	MELTEK INFOSYSTEMS PVT.LTD
3	SHUBHANGI DAHAKE	MELTEK INFOSYSTEMS PVT.LTD
4	ANKITA GATE	MELTEK INFOSYSTEMS PVT.LTD
5	SHIWANI BURADE	MELTEK INFOSYSTEMS PVT.LTD
6	MITALI KHIDKIKAR	MELTEK INFOSYSTEMS PVT.LTD
7	ARYAN SINGH	MELTEK INFOSYSTEMS PVT.LTD

R. Bhat
HOD ECE

Department of Electronics & Comm
Tulstranji Gaikwad - Patil College
of Engineering & Technology, Nagpur

Department of ECE



Certificate of Internship

Summer-2020

This is certify that

Mr. ATHARWA DESHPANDE

Tulsiramji Gaikwad-Patil College of Engg. And Technology, Nagpur has done one month internship at Meltek Infosystems Pvt.Ltd. During his/her internship period he/she founded disciplined and punctual.

He/She were sincere on his/her task. He/ She improved his/her practical skills During internship on assigned project.

We wish best of luck with his /her future endeavors.

Batch:- TELS19

Reg.no.:- TELS 1927

Program

Co-ordinator

Training Period

20 MAY to 20 JUNE


Director

MELTEK INFOSYSTEMS PVT.LTD





Certificate of Internship

Summer-2020

This is certify that

Miss. ANKITA WAKEKAR

Tulsiramji Gaikwad-Patil College of Engg. And Technology, Nagpur has done one month internship at Meltek Infosystems Pvt.Ltd. During his/her internship period he/she founded disciplined and punctual.

He/She were sincere on his/her task. He/ She improved his/her practical skills During internship on assigned project.

We wish best of luck with his /her future endeavors.

Batch:- TELS19

Reg.no.:- TELS 1918

Training Period

20 MAY to 20 JUNE

Program

Co-ordinator



IT INTERNSHIP - CERTIFICATE OF COMPLETION

To Whomsoever It May Concern

Date: 30/07/2020

Place: Nagpur

This is to certify and confirm that **Mr. Arpit P. Mandal [Intern]**, student of VIIth Sem. Information Technology Dept., Tulsiramji Gayakwad Patil College of Engineering And Technology, Nagpur, has done an Internship work in IT-NetworkZ Infosystems Pvt. Ltd., Nagpur, (Kavin's group of company) and have completed it in accordance with the approved modules and specifications under the guidance and supervision.


His Internship duration was one month and conducted from 20th May, 2020 to 28th June, 2020. During this Internship, his performance was found good

Project/Internship Title: ELECTRONIC TEST SYSTEM

Task : 1) Content Management

2) Software Testing (Manual)

We wish him good luck for his future endeavors.



Project Head
IT-NetworkZ
(Project Head)
IT-NetworkZ
Nagpur.



IT-NetworkZ
(Authorized Signatory)
HR Manager
IT - NetworkZ
Nagpur

IT INTERNSHIP - CERTIFICATE OF COMPLETION

To Whomsoever It May Concern

Date: 30/07/2020

Place: Nagpur

This is to certify and confirm that **Mr. Sudarshan R. Damahe [Intern]**, student of VIIth Sem. Information Technology Dept., Tulsiramji Gayakwad Patil College of Engineering And Technology, Nagpur, has done an Internship work in IT-NetworkZ Infosystems Pvt. Ltd., Nagpur, (Kavin's group of company) and have completed it in accordance with the approved modules and specifications under the guidance and supervision.


His Internship duration was one month and conducted from 20th May, 2020 to 28th June, 2020. During this Internship, his performance was found good

Project/Internship Title: ELECTRONIC TEST SYSTEM

Task : 1) Content Management

2) Software Testing (Manual)

We wish him good luck for his future endeavors.


Project Head
IT-NetworkZ
(Authorized Signatory)
IT-NetworkZ
Nagpur.


IT-NetworkZ
HR Manager
(Authorized Signatory)
IT - NetworkZ
Nagpur

18. Addressing curriculum Gap through Industrial Visits

Sr. No.	Name of Industry Visited	Date of Visit	Outcome
Department of Computer Science & Engineering			
1	Industrial Visit at AUV Technology Pvt. Ltd, Nagpur	25/01/2020	Learned about Web Designing & Development, E-Commerce, Content Management Systems
2	Industrial Visit at HCL Technologies Pvt. Ltd., MIHAN, Nagpur	11/10/2019	Learned about Data Center Services, Storage Services, Remote Management, Cloud Data, Virtual Application, Middleware, Mainframe, Database used in services
3	Industrial Visit at ITNetworkz Pvt.Ltd., Nagpur	14/09/2019	A session was delivered by Ms. Mona Kewalramani, HR Manager on diversified technologies like Java, Android, IOS and Bootstrap in web designing.
Department of Information Technology			
4	Industrial Visit at IT NetworkZ	24/08/2019	Student gained the knowledge about the practical implementation of JAVA.
Department of Mechanical Engineering			
5	Reliance Power Buttibori. Nagpur.	01/02/2020	Students learn About the Power generation Process
6	Morarji Textile Ltd MIDC Buttibori, Industrial area Nagpur.	21/01/2020	Students learn about the Working of different machine in textile industries
7	Ajit bakery , Buttibori	21/01/2020	Students learn about the different process used in bakery to produces dairy products
8	Br. Shesrao Wankhede Shetkari Sahakari Soot Girni Ltd Mohagaon, Naagpur	17/01/2020	Students learn about the Working of different machine in textile industries
Department of Civil Engineering			
	Pench Irrigation Project	18/8/2019	Students learn about the various compounds and functioning of dam
9	RMC Plant dongargaon Wardhar Road, Nagpur	24/08/2019	Students learn about the Processes of concrete making
10	9th Science Expo, Raman Science centre, Nagpur	22/09/2019	Students learn new idea of science and innovation
11	FSC Warehouse Industries	25/01/2020	Students learn about the construction of warehouse and its uses
12	Waste Water Treatment Plant, Bhandewadi	01/02/2020	Students learn about waste water treatment process
13	Gosekhurd Dam	29/02/2020	Students learn about the various compounds and functioning of dam
Department of Electronics & Communication Engineering			
14	ATC (Air Traffic Controller), Nagpur	04/02/2020	Students interpret the concept of Air

			Traffic Controller
15	A.D.Hydro power ltd.Manali	06/12/2019	Students are able to adapting practical Hydra power plant
16	Regional Remote Sensing Centre(RRSC), Nagpur	27/09/2019	Students are able to learn RRS system
17	Br.Sheshrao Wankhede Soot Girni,Butibori, Nagpur	21/09/2019	Students are able to knowledge of various machines
18	Hi-Tech Resistor Pvt.Ltd,	10/08/2019	Students are able know the usage of technology
19	Doordarshan Kendra,Nagpur	01/03/2019	Students are able know the usage of communication
Department of Electrical Engineering			
20	Area Load Dispatch Center, Ambazari, Nagpur	03/02/2020	Students interpret the concept of Load Flow Analysis
21	High Rise Transformers, MIDC-Hingna, Nagpur	28/01/2020	Students are able to adapting practical installation of Transformer
22	Rewinding Shop in VMIT Campus.	14/09/2019	Students are able to learn winding of motors.
23	33/11 kvAlagondi MSEDCL Substaion.	12/09/2019	Students are able to integrate the power system with daily life.
24	125KW Rooftop Solar Plant	27/08/2019	Students are able know the usage of Renewable Energy Source.
Department of Master of General Engineering			
25	NEERI	12/10/2019	Environmental Studies
26	Raman Science Center	10/01/2020	Technical Knowledge
Department of Master of Computer Applications			
27	IT NETWORKZ PVt. Ltd., Nagpur	28/09/2019	Student gained the knowledge about the practical implementation of JAVA
28	Manas Agro Industry & Infrastructures, Nagpur	14/03/2020	Students able to understand the Manufacturing goods and packaging process
Department of Master of Business Administration			
29	Manas Group	14/03/2020	Students able to understand the Manufacturing goods and packaging process
30	Manas Group	14/03/2020	Students able to understand the Manufacturing goods and packaging process



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NAAC Accredited

Department of Computer Science & Engineering

Session 2019-20

Report On
Industrial Visit at AUV Technology Pvt. Ltd., Nagpur

Name of Visit: Industrial Visit at AUV Technology Pvt. Ltd., Nagpur.

Date of Event: 25/01/2020.

Event Co-ordinator: Prof. Gulrukh Nazneen.

Aim:

To make the student aware about how various activities related to software development and recently used technologies in company.

Introduction:

Department of Computer Sciences and Engineering has organized the industrial visit for the IVth semester students to AUV Technology Pvt. Ltd., Nagpur. Learning from textbooks, lectures and other study material does not sufficient for learning, practical and hands-on learning is essential for better understanding of work processes and business functions to the students. The purpose of this industrial visit is to know the needs of the industry and getting aware about recent technologies.

Objective:

1. Hands-on experience of how industry operations are executed.
2. Industry visits provide opportunity for active/interactive learning experiences in-class as well outside the classroom environment.
3. With industry visits, students are able to better identify their prospective areas of work in the overall organizational function.
4. To getting aware about recent applications designing using mobility, cloud solution, cyber security by AUV Technology.

Industrial Visit Details:

The Computer Science and Engineering department was organized the industrial visit to AUV Technology, Nagpur for the IVth semester students on the date 25th Jan 2020 at 11.00am. Mrs. Nirmita Shendre, introduces about AUV Technology, infrastructure specialty, management team, branches, portfolios of company and services offering by the company like infrastructure management services, Department of CSE



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availability services for servers & storage network devices, enterprise application services, DC & cloud services. She explained about AUV Training Center in which there are different certified training course are offered on software technology, database administration like Oracle DBA with PL SQL, Red Hat ,Microsoft Certification, Network Training. She explained some lived projects ideas that the students can used in the development of curriculum projects.

Mapping of Event with PO:

1. Engineering knowledge.
2. Problem analysis
3. Design/development of solutions
4. Conduct investigations of complex problems
5. Modern Tool Usage
6. Individual and Team Work
7. Project management and finance
8. Life-long learning
9. The Ability to use associated software to develop and improve performance of Computer Science and Engineering domain

Outcome of the visit:

There were 21 students from IVth sem were present for this industrial visit. They all were very excited to know about new technologies recently in demands, more information about Red Hat Linux, cloud computing, and networking etc. This industrial visit helps students to gain information regarding functioning of the IT industry. Students get the knowledge about various recent technologies for implementing academic project. This visit provides an opportunity to plan, organize and engage in active learning experiences for the students.

Conclusion:

With this industrial visit to AUV Technology students get aware regarding application design, recent technologies, and software development, it will helps them to see their future scope in IT world. The students thank to the college and requested to HOD to organize such industrial visit in future as this will help them to grow and get ready for an excellent future.



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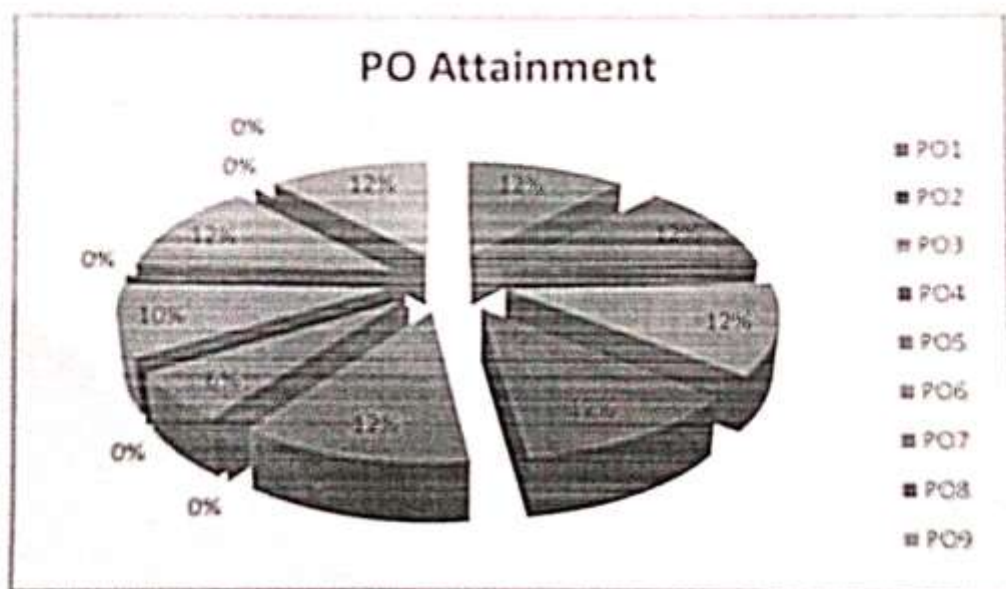
Department of Computer Science & Engineering

Acknowledgement:

On behalf of Computer Sciences and Engineering department we sincerely thank to Mrs. Nirmita Shendre, HR Manager and whole team of AUV Technology for accepting our invitation and allotting their valuable time for our IVth sem students. We also thankful to Dr. S.S. Rathore, Principal TGPCET and CSE Head of department for permitting this industrial visit.

PO Attainment:

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
PO Attainment	2.9	2.9	2.9	2.9	2.9	0	1.5	0	2.3	0	3.0	0	0	2.9



Crow
Visit Coordinator

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

Department of Computer Science & Engineering

Session 2019-20



Industrial Visit at AUV Technology Pvt. Ltd., Nagpur on 25/01/2020

19. Microteaching for New Faculty Members

Report of the Online Microteaching Session

Date: 27th July to 10th Aug 2020

Time: 3:00 p.m – 4:40 p.m

Venue: Conference Room, TGPCET

Microteaching session is organized under the IQAC for the session 2019-20 for the following faculty members.

	Name	Branch	Topic of Presentation
	Ms.Ashwini Adwane	Electrical Engineering	Process of Primary and Secondary Ionization
	Ms. Poonam Dhandare	Information Technology	IT application in Cyber security
	Ms. Pradhanya Parate	Electrical Engineering	Architecture of 8086
	Ms. Bhagashali Kukade	Information Technology	Process of Data Base Management System
	Mr. Mohit Katoch	Civil Engineering	Use of various admixtures in concrete
	Mr Vivek Patil	Mechanical Engineering	Active suspension system
	Ms.Nagama Sheikh	Electronic and Communication Engineering	Electronic circuit and control system
	Mr. Praful Randive	Mechanical Engineering	Application of Dual fuel engine
	Ms Apeksha Naharkar	Civil Engineering	Application of kani's Method

- ▶ The session was chaired by Dr, S . S. Rathore , IQAC Coordinator and Head of various Dept
- ▶ All the faculty members gave the online presentation on the above mentioned topics.
- ▶ The session was evaluated based on the following parameters:
 - i. Presentation skill
 - ii. Content of topic
 - iii. Knowledge of the subject
- ▶ Based on the demonstration delivered by the faculty members; the evaluation was done on a scale of 10 marks.
- ▶ Suggestions and guidelines were also given to the faculty members for the improvement in the way of teaching and how effectively the lecture can be delivered was explained by Hon'ble session chairpersons.

Glimpses of the Microteaching Session



Ms. Apeksha Naharkar, CE



Mr. Vivek Patil, ME

20. Awareness program for NPTEL and SWYAM courses



To Enroll
<https://swayam.gov.in/NPTEL>
onlinecourses.nptel.ac.in/



044-2257 5906
044-2257 5908



ENROLMENT IS FREE !!

12 week 08 week 04 week



FDP
support@nptel.iitm.ac.in

ELECTRICAL AND ELECTRONICS ENGINEERING					
S.No.	Title of the Course	Instructor	Institution	Course Start Date	Exam Date
1	Principles of Digital Communication	Prof. Abhishek Dixit	ITD	January 27, 2020	April 25, 2020
2	Statistical Signal Processing	Prof. Prabin Kumar Bora	ITG	January 27, 2020	April 25, 2020
3	Multirate DSP	Prof. R. David Kolipilsi	ITM	January 27, 2020	April 25, 2020
4	Integrated Circuits, MOSFETs, OP-Amps and their Applications	Prof. Hardik Jeetendra Pandya	ISc	January 27, 2020	April 25, 2020
5	Analog Circuits	Prof. Nagendra Krishnapura	ITM	January 27, 2020	April 25, 2020
6	Analog Circuits and Systems through SPICE Simulation	Prof. Mhigank Bharad	IT KGP	January 27, 2020	April 25, 2020
7	Digital Electronic Circuits	Prof. Goutam Saha	IT KGP	January 27, 2020	April 25, 2020
8	High Power Multilevel Converters- Analysis, design and operational issues	Prof. Anandarup Das	ITD	January 27, 2020	April 25, 2020
9	Antennas	Prof. Girish Kumar	ITB	January 27, 2020	April 25, 2020
10	Architectural Design of Digital Integrated Circuits	Prof. Indranil Hatai	IT KGP	January 27, 2020	April 25, 2020
11	Microprocessors And Microcontrollers	Prof. Santanu Chattopadhyay	IT KGP	January 27, 2020	April 25, 2020
12	Electrical Machines - II	Prof. Tapas Kumar Bhattacharya	IT KGP	January 27, 2020	April 25, 2020
13	DC Power Transmission Systems	Prof. Krishna S	ITM	January 27, 2020	April 25, 2020
14	Power System Engineering	Prof. Debapriya Das	IT KGP	January 27, 2020	April 25, 2020
15	Control engineering	Prof. Ramkrishna Pasumamthy	ITM	January 27, 2020	April 25, 2020
16	Introduction to Photonics	Prof. Balaji Srinivasan	ITM	January 27, 2020	April 25, 2020
17	Biomedical Signal Processing	Prof. Sudipta Mukhopadhyay	IT KGP	January 27, 2020	April 25, 2020
18	Fuzzy Sets, Logic and Systems & Applications	Prof. Nishchal Kumar Verma	ITK	January 27, 2020	April 25, 2020
19	Principles of Signals and Systems	Prof. Aditya K. Jagannathan	ITK	January 27, 2020	April 26, 2020
20	Signals and Systems	Prof. Kushal K. Shah	ISER Bhopal	January 27, 2020	April 26, 2020
21	Principles of Communication Systems - I	Prof. Aditya K. Jagannathan	ITK	January 27, 2020	April 26, 2020
22	Mathematical Methods and Techniques in Signal Processing	Prof. Shayan Srinivasa Ganeri	ISc	January 27, 2020	April 26, 2020
23	Spread Spectrum Communications and Jamming	Prof. Debarati Sen	IT KGP	January 27, 2020	April 26, 2020
24	Network Analysis	Prof. Tapas Kumar Bhattacharya	IT KGP	January 27, 2020	April 26, 2020
25	Analog Electronic Circuits	Prof. Pradip Mandal	IT KGP	January 27, 2020	April 26, 2020
26	Transmission lines and electromagnetic waves	Prof. Ananth Krishnan	ITM	January 27, 2020	April 26, 2020
27	Fundamentals of semiconductor devices	Prof. Digbijoy N. Nath	ISc	January 27, 2020	April 26, 2020
28	Analog IC Design	Prof. Aniruddhan S	ITM	January 27, 2020	April 26, 2020
29	Digital IC Design	Prof. Janakraman	ITM	January 27, 2020	April 26, 2020
30	Microprocessors and interfacing	Prof. Shakh Raff Ahmed	ITG	January 27, 2020	April 26, 2020
31	Power Management Integrated Circuits	Prof. Gadeer Ahmad Khan	ITM	January 27, 2020	April 26, 2020
32	Nonlinear System Analysis	Prof. Ramkrishna Pasumamthy Prof. Arunkumar D Mahendrakar	ITM	January 27, 2020	April 26, 2020
33	Optical Engineering	Prof. Shanti Bhattacharya	ITM	January 27, 2020	April 26, 2020
34	Electronic Systems for Cancer Diagnosis	Prof. Hardik Jeetendra Pandya	ISc	January 27, 2020	April 26, 2020
35	Discrete Time Signal Processing	Prof. Mityunjoy Chakraborty	IT KGP	January 27, 2020	March 29, 2020
36	Fundamentals of MIMO Wireless Communication	Prof. Suvis Sekhar Das	IT KGP	January 27, 2020	March 29, 2020
37	Analog Circuits	Prof. Jayanta Mukherjee	ITB	January 27, 2020	March 29, 2020
38	Electronics equipment integration and Prototype building	Prof. N.V.Chalapathi Rao	ISc	January 27, 2020	March 29, 2020
39	Advance power electronics and Control	Prof. Avik Bhattacharya	ITR	January 27, 2020	March 29, 2020
40	Basic Building Blocks of Microwave Engineering & Design Principles of RF and Microwave Filters and Amplifiers	Prof. Anitabha Bhattacharya	IT KGP	January 27, 2020	March 29, 2020
41	Microwave Integrated Circuits	Prof. Jayanta Mukherjee	ITB	January 27, 2020	March 29, 2020
42	CMOS Digital VLSI Design	Prof. Sudab Deshpande	ITR	January 27, 2020	March 29, 2020
43	Power Quality Improvement Technique	Prof. Avik Bhattacharya	ITR	January 27, 2020	March 29, 2020
44	Linear Dynamical Systems	Prof. Tushar Jain	IT Mand	January 27, 2020	March 29, 2020
45	Evolution of Air Interface towards 5G	Prof. Suvis Sekhar Das	IT KGP	February 24, 2020	April 25, 2020
46	VLSI Signal Processing	Prof. Mityunjoy Chakraborty	IT KGP	February 24, 2020	April 26, 2020
47	Recent Advances in Transmission Insulator	Prof. Subba Reddy	ISc	January 27, 2020	March 29, 2020
48	Design and Simulation of Power conversion using open source tools	Prof. L. Umanand	ISc	January 27, 2020	March 29, 2020
49	Nonlinear Adaptive Control	Prof. Shubendu Bhaskin	ITD	January 27, 2020	March 29, 2020
50	A brief Introduction of Micro - Sensors	Prof. Santanu Talukder	ISER Bhopal	January 27, 2020	March 29, 2020
51	Medical Image Analysis	Prof. Debadeb Sheet	IT KGP	February 24, 2020	April 25, 2020
52	Electric Vehicles - Part 1	Prof. Amit Jain	ITD	February 24, 2020	April 26, 2020



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
AMEY R KHEDIKAR
for successfully completing the course

Plastic Waste Management

with a consolidated score of **64** %

Online Assignments	20.79/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **1904**

Feb-Apr 2019
(8 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE07S61810107

To validate and check scores: <http://nptel.ac.in/noc>



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
RADHARAMAN SHAHA
for successfully completing the course

Design of Photovoltaic Systems

with a consolidated score of **59** %

Online Assignments	25.00/25	Proctored Exam	33.75/75
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Total number of candidates certified in this course: **935**

Jul-Oct 2018
(12 week course)

G. L. Sivakumar Babu
Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

L. Umanand
Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL18EE35511710183

To validate and check scores: <http://nptel.ac.in/noc>



NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
PRATIK CHOKHOBHA GHUTKE

for successfully completing the course
**Advanced Linear Continuous Control Systems:
Applications with MATLAB Programming and Simulink**
with a consolidated score of **53** %

Andrew Thangaraj
Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Aug-Oct 2018)

Dileep N. Malkhede
Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL18EE25511710199

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, except to other reference / promotional courses.
P.No. AICTE / RPD / FDP through MOOCs / 2017-18

21. 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



22. 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>

23. Felicitation of Faculty members for Excellent performance in various areas



24. Felicitation of Topper Students



Felicitations of topper student

25. Submission of Research Proposal to various funding agencies like AICTE, DST, etc

AQIS Application Id	Permanent Institute Id	Name of the Institute	AQIS Schemes	Faculty Id	Final Status
1-7116932451	1-4187806	TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY	SPDP-Skill and Personality Development Programme Centre for SC/ST Students	1-461696791	Proposal is not recommended
1-7045370571	1-4187806	TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY	FDP – Faculty Development Program	1-462769566	Proposal was not shortlisted for evaluation at the screening level
1-7038238541	1-4187806	TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY	MODROB - Aspiring Institutions	1-461696361	Proposal is not recommended
1-7031562364	1-4187806	TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY	STTP – Short Term Training Program	1-3583375154	Proposal was not shortlisted for evaluation at the screening level
1-7030844934	1-4187806	TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY	GOC- Grant for Organizing Conference	1-2104374233	
1-7031301131	1-4187806	TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY	FDP – Faculty Development Program	1-2105279260	Proposal was not shortlisted for evaluation at the screening level
1-7026681001	1-4187806	TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY	STTP – Short Term Training Program	1-2105578254	Proposal was not shortlisted for evaluation at the screening level

For additional Initiatives taken by IQAC



Tulsiramji Gaikwad-Patil College of Engineering and Technology

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Approved by AICTE, New Delhi, Govt. of Maharashtra & Affiliated to RTM Nagpur University, Nagpur



Internal Quality Assurance Cell

IQAC Initiatives during the period of Lockdown

Sr. No.	Name of Initiatives
1	Separate academic calendar for the period of Lockdown
2	Syllabus coverage to monitor completion of syllabus
3	Online Project Seminars for UG and PG
4	Online End Term Examination for the UG and PG students
5	Google form based MCQ test to measure learning outcomes
6	Game Pedagogy
7	Faculty audio/video lectures
7	Online Certification Courses
8	Online Alumni Guest Lecture Series
9	Online Webinars
11	Online Alumni Meet
12	Online Induction & Grooming Program for Second Year Students
13	Online Industry Sponsored Video Lecture Series
14	Grooming/awareness of Students regarding SWAYAM /NPTEL / MOOCs Courses
15	Online Webinar on Intellectual Property Right
16	Online Faculty Development Programs
17	Online Non-Teaching Development Programs
18	Faculty Participation in Online Workshop/Webinar/FDP/STTP etc.
19	Online Survey on "Lockdown is Challenge or Opportunity for the faculty members of Professional Courses"
20	Online Survey on " NAAC Awareness"


IQAC Coordinator