



TULSIRAMJI GAIKWAD-PATIL College of Engineering & Technology

Wardha Road Nagpur-441108, NACC Accredited, ISO 9001:2015, Website: www.tgpcet.com

Department of Computer Science & Engineering

Organizes

Faculty Development Program

On

"Ethical Hacking"

In Association with



Computer Society of India

Date: 9th - 10th December 2016



True Copy Attested

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

NOTICE

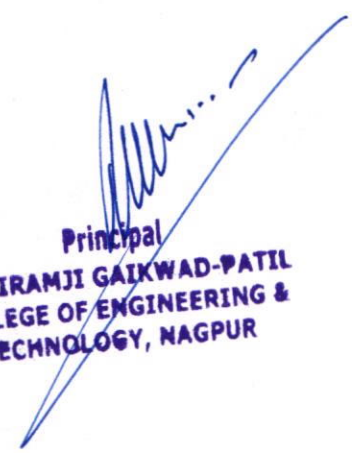
Date: 05/12/2016

All the faculty members and M. Tech Students of Computer Science & Engineering Department here by informed that CSE department is organizing **Two Days "Faculty Development Program on Ethical Hacking"** under Computer Society of India(CSI) Chapter from 09th December 2016 to 10th December 2016. All the students and faculty members are request to attend the workshop.


HOD (CSE)

T.G.P.C.E.T, Nagpur

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


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

Department of CSE



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Vidarbha Bahu-uddeshiya Shikshan Sanstha's

TULSIRAMJI GAIKWAD-PATIL

College of Engineering & Technology

Mohgaon, Wardha Road, Nagpur - 441 108 Tel: 07103-645410 Mob: 09922966173
Approved by AICTE, New Delhi, Govt. of Maharashtra & Affiliated to RTM Nagpur University
E-mail: principal@tgpacet.com Website: www.tgpacet.com
An ISO 9001:2008 Certified Institution



GAIKWAD-PATIL
GROUP OF INSTITUTIONS

Ojaswini Complex
Gayatri Nagar, IT Park Road
Nagpur - 440 022
Tel: 0712 664 8252
Fax: 0712 224 0656
E-mail: vidarbhabuss@yahoo.co.in

Ref:TGPCET/CSE/16-17/ 123(0) ५६

Date: 06/12/2016

To,

Mr. Deepak Dhote
CEO, ITNetworkz Pvt.Ltd.
Nagpur

Subject: Invitation as an Expert for Two Days "Faculty Development Program on Ethical Hacking" Regarding.

Respected Sir,

It is our privilege to invite you as an expert for **Two Days "Faculty Development Program on Ethical Hacking"**. The Schedule of program is from 09th December 2016 to 10th December 2016 at Tulsiramji Gaikwad-Patil College of Engineering & Technology, Wardha Road, Nagpur.

We hope, you will accept the invitation and oblige us. A word of acceptance is keenly awaited.

Thanking you in anticipation.

Received
D. Dhote
6/12/16

HoD (CSE)
T.G.P.C.E.T, Nagpur

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



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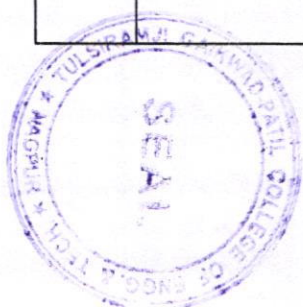
"Ethical Hacking"**Attendance Sheet**

Sr. No.	Name of Participants	Name of College	Signature	
			09-12-2016	10-12-2016
1.	Ujjawala Aher	JLCOE	Uher	Uher
2.	Bharat Dhak	JLCOE	B.Dhak	B.Dhak
3.	Yunjan Chaudhari	S.B. Jain	Y. Chaudhari	Y. Chaudhari
4.	Megha Yuddhe	S.B. Jain	Megha	Megha
5.	Nijay Bogali	AGPCE	Cse	Cse
6.	Gaurav Raut	KDK	G Raut	G Raut
7.	Priyanka Jaiswal	KDK	Priyanka	Priyanka
8.	Arina Nerse	BIT	Arina	Arina
9.	Nikita Umare	AGPCE	Nikita	Nikita
10.	G.A. Kumar	TAPCET	G Kumar	G Kumar
11.	Neha Mogre	TGPCET	Nehe	Nehe
12.	Tiwan N. Deharkar	TGPCET	Tiwan	Tiwan
13.	Urdya Bode	AGPCE	Urdya	Urdya
14.	Harima Dura	JD	Harima	Harima
15.	Vishal Tiwari	TGPCET	Vtiwari	Vtiwari
16.	Rajesh Baby	TGPCET	Rajesh	Rajesh
17.	Amit Dhage	PCE	AD	AD
18.	Anirudha Thakre	PCE	Anirudha	Anirudha
19.	S. Bhishnurkar	GNIT	Sanchaleb	Sanchaleb
20.	Rakshana Shelke	GNIT	RShelke	RShelke

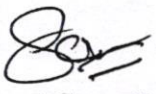
Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR

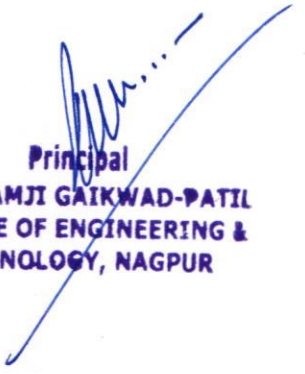
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Sr. No.	Name of Participants	College Name	Signature	
			09-12-2016	10-12-2016
20	B. Khadse	VMIT	Bhagyk	Bhagyk
21	SANDHHY Thakre	VMET	Thakre	Thakre
22	Rohini Bhagat	VMET	Bhagat	Bhagat
23	Shubham Yadav	Bhagwati	SY	SY
26	Nikhil Kadwe	Bhagwati	NKadwe	NKadwe
25	Veena Jarn	AGPCE	Veena	Veena
26	Himani Adhikari	NIT	HA	HA
27	Leena Sairga	NIT	Leena	Leena
28	Juee Jarnadar	NIT	Juee	Juee
29	Akshay Ambade	NIT	AA	AA
30	Lalit Hjit	AGPCE	LHj	LHj


Event Co-ordinator
 Assistant Professor
 Dept. of Computer Science & Engg.
 Tulsiramji Gaikwad-Patil College of
 Engineering and Technology, Nagpur


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


Principal
TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
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Approved by AICTE, New Delhi, Govt. of Maharashtra & Affiliated to RTM Nagpur University
E-mail: principal@tgp cet.com Website: www.tgp cet.com
An ISO 9001:2008 Certified Institution



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Tel: 0712 664 8252
Fax: 0712 224 0656
E-mail: vidarbhabuss@yahoo.co.in

Ref: TGPCET/CSE/16-17/123(E)

Date: 10th December 2016

To,

Mr. Deepak Dhote
CEO, ITNetworkz Pvt. Ltd.
Nagpur

Subject: Thanks Letter.

Respected Sir,

We are grateful to you for your kind consent as an Expert for Two Days
“Workshop on Research Methodology”. We are thankful to you for valuable time that
you are spared for our faculty members.

We highly appreciate and value your presence here as an Expert.

Thanking You.

Received
D. Dhote
10/12/16

HoD (CSE)

T.G.P.C.E.T, Nagpur

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



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Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Department of Computer Science & Engineering

Session 2016-17

Report on

Faculty Development Program on "Ethical Hacking"

Date: 12/12/2016

Name of Event: Faculty Development Program on "Ethical Hacking"

Date of Event: 09-12-2016 to 10-12-2016

Event Coordinator: Prof. Vijay Bagdi & Prof. Jayant Adhikari

Introduction:

Department of Computer Science & Engineering conducted Faculty development program on "Ethical Hacking" under the banner of Computer Society of India (CSI) on 9th December & 10th December 2016. The participants were from different branches of Engineering. The main purpose of this Faculty development Program is to get keen knowledge of Ethical Hacking & Cyber security with hands-on practice by using various tools. This workshop was taken by Mr. Deepak Dhote, CEO, IT Networkz Pvt Ltd. Nagpur

Aim:

The aim of the workshop was to provide an exclusive and customized training program for teachers to understand the latest trends in the development of information security and equip them with practical understanding and implementation.

Objective:

- To Increasing awareness about cyber crimes
- Learning basics of ethical hacking
- Learning how to be "safe" on social media

Event Details:

Department of Computer Science & Engineering conducted Faculty development program on "Ethical Hacking" under the banner of Computer Society of India (CSI) on 9th December & 10th December 2016. The participants were from different branches of Engineering



Department of Computer Science & Engineering

The session was divided into two parts- theory learning and practical implementation with hands-on experience. In first session, penetration testing was learned in which ethical hacking, SQL Injection were taught by Mr. Deepak Dhote, CEO, IT Networkz Pvt Ltd. Nagpur which created interest among participant. Practical session was taken by Mr. Deepak Dhote by using various software for understanding how exactly penetration testing is done. Also, performed practical based on ethical hacking and SQL Injection.

Outcomes:

At the end of this Faculty development program, the participants should be able to:

- Cyber awareness
- Cyber crimes and its types
- Viruses, worms and Trojan horses
- Aware about ethical hacking

Attainment of PO:

- PO1. Engineering Knowledge
- PO3. Design/Development of Solutions
- PO4. Conduct investigations of complex problems
- PO7: Environment and sustainability
- PO9. Individual and team work.
- PO11. Project management and finance
- PO12. Lifelong Learning

Conclusion

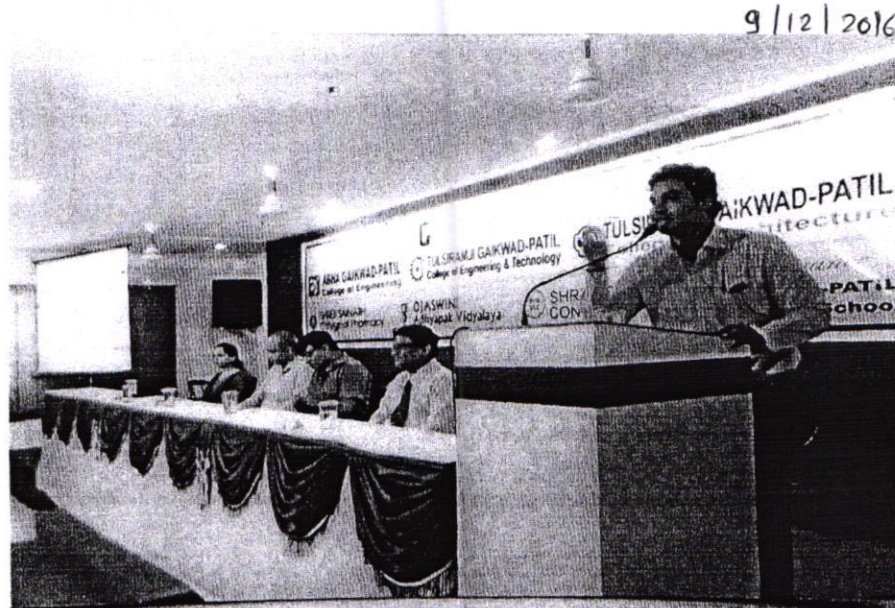
The program started with the opening remark by Dr. G. K. Awari , Principle, TGPCET. The Head of the Computer science and engineering department explained the objective and importance of organizing this FDP is that it will be helpful for participants to learn ethical hacking. Prof. Vijay Bagdi and Prof. Jayant Adhikari work hard for the success of the program.



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

Department of Computer Science & Engineering

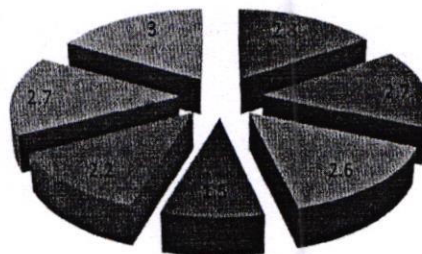
Glimses of Event:



FDP on "Ethical Hacking"

PO Attainment:

PO1	PO3	PO4	PO7	PO9	PO11	PO12
2.8	2.7	2.6	1.5	2.2	2.7	3.0



- PO1
- PO3
- PO4
- PO7
- PO9
- PO11
- PO12


Event Coordinator

Assistant Professor

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

Department of CSE




HOD CSE

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

Principal

**TULSI RAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR**

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REGISTRATION FEE

The Registration Fees for the workshop is Rs. 2,000/- per participant & participation certificate will be provided to the individual participant of the workshop. **How to Register:-** The interested participant should submit their duly completed Registration form to hod.cse@tgpcet.com or principal@tgpcet.com. Last date of Registration is **20th June 2016**. The non-refundable registration fees may be deposited in favor of BOI, Account **TGPCET EMULOUS** A/c No. 875610110004509, Dongargoan Branch, Nagpur or can be paid in cash at college.

LAST DATE OF REGISTRATION

Hard copy of duly filled and signed registration form along with registration fee should reach the coordinator on or before Thursday 20th June 2016. However scanned copy of registration form should be sent through email for early registration and confirmation.

Since only limited seats are available, interested Participants are encouraged to apply early with the non-refundable deposit.

WHO SHOULD ATTEND?

This workshop is designed for -
✓ Faculty from Academic & Research Institute /
Industry persons / PG scholars.

ACCOMMODATION

Accommodation will be provided in college hostels on first come first serve basis. (Rs. 400/- per day per participant)

ADDRESS FOR CORRESPONDANCE

Department of Computer Science and Engineering
Tulsiramji Gaikwad-Patil
College of Engineering & Technology
Wardha Road, Nagpur - 441108
Mob.: +91 - 90110 09866, 88888 66459
E-mail: hod.cse@tgpcet.com

EXPERTS

The experts for this STTP will be drawn from leading academic and research institution and industries committed to innovative concept and practices and who have experience in teaching, research, industrial practice and consultancy.

MENTORS

Dr. Mohan Gaikwad-Patil
(Chairman, Gaikwad-Patil Group)

Dr. Anjali Patil-Gaikwad
(President, GPGL)

Prof. Sandeep Gaikwad
(Treasurer, GPGL)

Dr. D. P. Kothari
(Director Research, GPGL)

ORGANIZING COUNCIL

Convener

Dr. G. K. Awari
(Principal, TGPCET)

Coordinator

Prof. Roshani Talmale, (HoD, CSE)

Co-Coordinator

Prof. Jiwan Dehankar

ORGANIZING COMMITTEE

Prof. Vishal Tiwari

Prof. Neha Mogre

Prof. G. Rajesh Babu

Prof. G. Anant Kumar

Prof. Monika Jaiswal

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Indian Society for
Technical Education
New Delhi



GAIKWAD-PATIL
GROUP OF INSTITUTIONS

Department of Computer Science and Engineering



TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology

Wardha Road, Nagpur, Maharashtra - 441 108

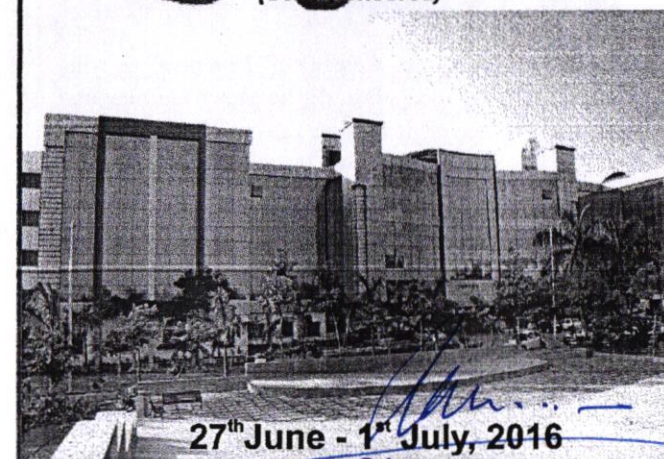
Organises

One Week STTP

Approved by ISTE on

**BIG DATA
ANALYTICS WITH
HANDS ON
TRAINING**

(Self Sponsored)



27th June - 1st July, 2016

E-mail: hod.cse@tgpcet.com

Website: www.tgpcet.com

Mob.: +91- 90110 09866, +91- 88888 66459

ABOUT THE INSTITUTE

The Gaikwad-Patil Group of Institutions (GPGI) is an education society founded by academicians with a sole view to promote professional education in the rapidly developing region of Vidarbha. Almost all the founders of the college are, or have been, academicians themselves. This gives them an edge over others in that they are in close touch with the expectations and aspirations of the young generation today. They are keenly aware of the changes traditional education has to undergo if today's generation is to survive the ruthless competition the world has to offer. They are also the right people to foresee the coming trends in education. Nagpur becoming the chosen destination in Maharashtra among just a few other hand-picked Indian cities for the Jawaharlal Nehru National Urban Renewal Mission, the city is quite the happening place, both economically as well as socially. The MIHAN project in Nagpur is just one proof of the vibrant future of the city. The GPGI, with its unique academic background, was quick to realize the potential that Nagpur held. In near future, the GPGI is poised to become one of the best and most dynamic institutions which will cater to varied educational needs of the increasingly bustling region of Vidarbha.

ABOUT THE DEPARTMENT

Department of Computer Science & Engineering was established in 2007-08 and a B.E. degree course in Computer Science & Engineering started with an intake of 60 and M. Tech CSE in 2011-12 with an intake of 18, with the objective of imparting quality education in the field of computer Science & Engineering. The focus of the department is towards research and Core teaching activity based on advanced computational methods for modeling, analyzing, and solving complex tasks in technology and science. The research aims at the development of fundamental computer science methods for the analysis of large and high-dimensional data sets, and for the modeling and design of complex software, networking and other computational systems. The program aims at exposing students to the developments in the field of computing, thereby enabling them to meet the needs of the IT industry and research organizations in India and abroad.

The Department imparts high class training & research, providing state of the art computing facilities to the students. It also promotes active industry-institute collaboration by identifying areas of interest and taking part in sponsored research projects and consultancy services.

SIGNIFICANCE & OBJECTIVE OF STTP

- ☛ Environment of data abundance of frequent data overload, the ability to discover unique insight enables organizations to improve decision making, resulting in the ability to take advantage of opportunities, minimize risks, and control costs. The emergence of big data and data analytics opens up new avenues of academic learning.
- ☛ To Analyze large volume of data, big data analytics is typically performed using specialized software tools and this result will be useful for applications like predictive analytics, data mining, forecasting and data optimization etc.
- ☛ Big data helps to understand the customer need and target n better way by optimizing there business process.
- ☛ This workshop aims to professionalize participants to become sophisticated industrial practitioners and researches to face the challenge in the field of big data Analytics.

COURSE CONTENT

- ☛ Significance of Big Data
- ☛ Big data framework and Hadoop internals
- ☛ Applying the analytical techniques on verity of Application
- ☛ Installation of Pseudo distributed mode in Hadoop 2.x
- ☛ Data flow language - Pig
- ☛ Colum oriented database management system - Hbase
- ☛ Document oriented database- MangoDB
- ☛ SQL Query for Big Data Analytics- Hive



TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology

ISTE Approved STTP on
**"BIG DATA Analytics with
Hands on Training"**
(Self Sponsored)

27th June - 1st July, 2016

REGISTRATION FORM

Last date of Registration: 20/06/2016

1. Name of participant: _____
2. Age as on 01/06/2016: _____
3. Designation: _____
4. Institution / Industry: _____
5. Mailing Address: _____
6. Email: _____
7. Cell No.: _____
8. Qualification: _____
9. Experience (Teaching/Industry) _____
10. ISTE Membership No. _____
(Attach photocopy of membership card)
11. Details of D.D. No. & date _____
12. Accommodation Required: YES ☐ NO ☐

I undertake to abide by the rules and regulation governing ISTE & TGPCET, Nagpur and shall attend the course for complete duration.

Date: _____ Signature of Applicant
The applicant will be permitted to participate in the above programme, if selected.

Date: _____ Signature
Name & Designation
of the Sponsoring Authority with Seal



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

Department of Computer Science & Engineering

Session 2016-17

NOTICE

Date: 23/06/2016

All the students of Computer Science & Engineering Department here by informed that our CSE department is organizing one week STTP approved by ISTE on "Big Data Analytics with Hands on Training" on the date 27th June to 1st July 2016. All the members are requested to take a note of it.

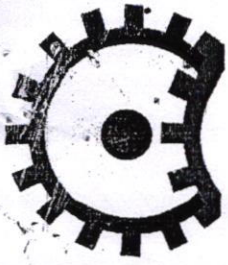
HOD (CSE)

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



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



Vidarbha Bahu-uddeshiya Shikshan Sanstha's

TULSIRAMJI GAIKWAD-PATIL College of Engineering & Technology

Mohgaon, Wardha Road, Nagpur - 441 108

(Approved by AICTE, Recognised by Govt. of Maharashtra, Affiliated to RTM Nagpur University, Nagpur)
Web site: www.tgpcet.com Tele: 07103-203473, 203475 Mob: +91-9922966173 Fax: 0712-2240656

Prof. Sharad Patil
President

Dr. Mohan Gaikwad
Secretary

Dr. G. K. Awari
Principal

TG/CE T / STTP / 2016 / 512

Date: 09-05-2016

To,
The Executive Secretary
Indian Society for Technical Education
Saheed Jeet Singh Marg,
New Delhi - 11 0 016

Subject: Submission of the self financing STTP proposal titled "Big data Analytics with hands on training"

Respected Sir / Madam,

Tulsiramji Gaikwad- Patil College of Engineering and Technology is established in 2007. Various AICTE approved courses are run by the institute and striving hard for excellence in academic development. The College is having excellent infrastructure with well equipped laboratory on lush green campus of 14 acres and enriched expertise in the field of Computer Science is working with the department.

For the academic development of faculties and in turn to students of Computer Science and Engineering, the department wishes to submit the STTP proposal titled "**Big data Analytics with hands on training**". The total approximate budget of the proposal is Rs 1.00 Lakh.

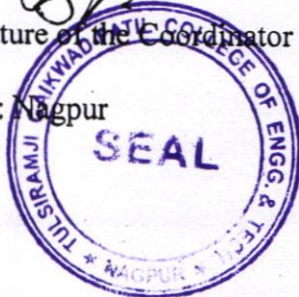
Kindly approve the proposal for the benefit of technical teaching community.

Please find the enclosure attached along with this proposal

1. STTP Proposal
2. AICTE Approval Letter
3. Minority Letter
4. State Government Letter
5. ISTE Certificate
6. Collaboration Letter of Industry
7. Annexure

Signature of the Coordinator

Place: Nagpur



Head of the Institution
(Signature and Seal)
Dr. G. K. Awari

Principal

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Tulsiramji Gaikwad Patil College of Engineering & Technology, Nagpur

Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR

भारतीय तकनीकी शिक्षा संस्था
INDIAN SOCIETY FOR TECHNICAL EDUCATION

(Under the Societies' Registration Act XXI of 1860)

Prof. Vaidya Vijay Dattatray
Executive Secretary

ISTE/Proceedings/STTP-SF/2016-17

TGPCET, NAGPUR
Inward No: 3942 Date: 25/5/16
Allotted to: Ms. Resham Tailwale
Task completion date: _____
Feedback expected on: 26/5/2016

Proceedings of Executive Secretary, ISTE

Sub. : Sanction to conduct full time Short-term Training Programme on Self-financing basis for the financial year 2016-2017.

Sanction is hereby accorded to the following institution for the conduct of the programme indicated below:

Name of Institution : Tulsiramji Gaikwad-Patil College of Engg.
& Tech. Nagpur – 441 108

Topic : Big Data Analytics with Hand on Training

Name & Address of Coordinators : Ms. Roshani Talmale Mr. Jiwan Dehankar
HOD Asst. Prof.

Duration : One Week
(Minimum 05 Working Days)

Proposed dates : 13-06-2016 to 17-06-2016

Terms and Conditions

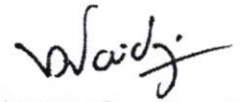
1. The institution offering the Programme should have an ISTE Chapter with at least 25 ISTE members as on the date of commencement of the programme.
2. Only ISTE members are allowed to attend this programme.
3. There will be no financial commitment on the part of ISTE on account of this programme.
4. The course will be full time and of duration 1week / 2 weeks / 4 weeks.
5. The proposal will be scrutinized by Experts and if approved, the approval will be communicated to the Coordinator. The Section Chairman / Executive Council Member may monitor the programme and send an independent report to ISTE Headquarters if called for. ISTE Headquarters reserves the right to decline the approval without assigning reasons.

--/-

Shaheed Jeet Singh Marg, Near Katwaria Saria, New Dehli – 110 016

Phone: 91-11 26513542, 26963431, 26514234, Fax: 91-11 26852421, E mail: istedhq@vsnl.net, Website: www.isteonline.in

6. A processing & operational charges of Rs.150/- per participant is to be paid to ISTE Headquarters along with the final report mentioned in Item 8 below. This is about 15% of the operational charges of Rs.1050/- per participant fixed by AICTE for Summer / Winter Schools to meet this processing and operational expenses.
7. The registration fee of the participants may be fixed by the host institution.
8. Within 15 days after completion of the Programme the final report including list of participants (with their ISTE Membership Number of filled up application forms for ISTE membership with requisite fee), schedule of the programme with dates, copy of the certificate issued and copy of course notes must be sent to ISTE Headquarters alongwith processing & operational charges as mentioned in point 6 above. via DD in favour of "ISTE" New Delhi.
9. The Certificate may be issued by the Head of the host institution quoting ISTE Sanction Order. The certificate should contain the ISTE emblem at the top and should read "This is to certify that _____ attended a short term course on _____ sponsored by ISTE during _____ at _____".


Executive Secretary

To,

Dr. G.K. Awari
Principal
Tulsiramji Gaikwad-Patil
College of Engineering & Technology
Mohgaon, Wardha Raod, Nagpur - 441 108
Maharashtra State

Copy to :

Ms. Roshani Talmale
Coordinator
Tulsiramji Gaikwad-Patil
College of Engineering & Technology
Mohgaon, Wardha Raod, Nagpur - 441 108
Maharashtra State



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Prof. Sharad Patil
President

Dr. Mohan Gaikwad
Secretary

Dr. G. K. Awari
Principal

TGPCET/STTP/CSE/20'6/554

DATE: 15/06/2016

To,
Mr. Aneesh Dhabelia,
Sr. Engineer
Persistant Solution Nagpur,

Subject: Invitation as Expert for One Week STTP on "Big Data Analytics with Hands on Training".

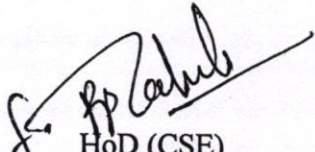
Respected Sir,

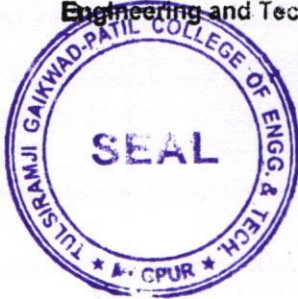
It is our privilege to invite you as an expert in One Week STTP on "Big Data Analytics with Hands on Training".

The Schedule of program is from 27th Jun. to 1st July. 2016 at Tulsiramji Gaikwad-Patil College of Engineering & Technology, Wardha Road, Mohgaon Nagpur. Inauguration will be held on 27th Jun 2016 at 09:30 am.

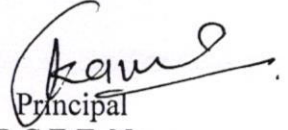
Your vast experience in this field will be of vital important for the incumbents attending the program. Please do find a day out of your busy schedule and convey us your acceptance and oblige.

Thanking you in anticipation.
With Regards


HoD (CSE)
T.G.P.C.E.T, Nagpur
Head of Dept. (Computer Science & Engg.)
Tulsiramji Gaikwad-Patil College of
Engineering and Technology, Nagpur.



True Copy Atteste


Principal
T.G.P.C.E.T, Nagpur
Dr. G. K. Awari
Principal
Tulsiramji Gaikwad Patil College of Engg. and
Technology, Nagpur
Principal
TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



One Week STTP on Big Data Analytics with Hands on Training by Mr. Aneesh Dhabalia, Persistant Solution as an Expert on 27th June to 1st July 2016



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



Vidarbha Bahu-uddeshiya Shikshan Sanstha's

TULSIRAMJI GAIKWAD-PATIL College of Engineering & Technology

Mohgaon, Wardha Road, Nagpur - 441 108

(Approved by AICTE, Recognised by Govt. of Maharashtra, Affiliated to RTM Nagpur University, Nagpur)
Web site: www.tgpcet.com Tele: 07103-203473, 203475 Mob: +91-9922966173 Fax: 0712-224061

Prof. Sharad Patil
President

Dr. Mohan Gaikwad
Secretary

Dr. G. K. Awari
Principal

TUPLF1/STTP/BSP/2016/605

Date-02/07/2016

To,
Mr. Anish Dhabalia
Persistent System Pvt. Ltd
Nagpur

Subject - Thanks letter

Respected Sir,

We are grateful to you for your kind consent as an Expert for One Week STTP Approved by ISTE on "BIG DATA Analytics with Hands on Training". We are thankful to you for valuable time that you are spared for our participants from 27th June to 1st July 2016.

We highly appreciate and value your presence here as an expert.

Thanking you.

Prof. Roshani B. Talmale
HOD (CSE)

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



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Received
Anish Dhabalia
(Mr. Anishkumar Dhabalia)
Dr. G. K. Awari
Principal
Tulsiramji Gaikwad Patil College of Engg. and
Technology, Nagpur
Principal
TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR

**TULSIRAMJI GAIKWAD PATIL COLLEGE OF ENGINEERING AND
TECHNOLOGY, NAGPUR**



**Indian Society for Technical Education, New Delhi
Department of Computer Science and Engineering**

Organizes
One Week STTP

Approved by ISTE on

"BIG DATA ANALYTICS WITH HANDS ON TRAINING"

(Self Sponsored)

27th June-2nd July 2016

Sr.No	Name of Faculty/Research Scholar/PG Scholar	Signature
1	Pranali Lakde	P. Lakde
2	Kalyani Raut	Raut
3	Ankita Darvekar	A. Darvekar
4	Diksha Suryawanshi	Diksha
5	Neha Charpe	N. Charpe
6	Priyanka Wankhede	P. Wankhede
7	Prof. Madhavi Tota	M. Tota
8	Prof. Charanjeet Singh Dadiyala	C. S. Dadiyala
9	Prof. Devashri Raich	D. Raich
10	Prof. Anuradha Dakhane	A. Dakhane
11	Akshay Amle	A. Amle
12	Sonali Raut	S. Raut
13	Kamini Shukla	K. Shukla
14	Shubham Thakur	S. Thakur
15	Prof. D.J. Choudhari	D. J. Choudhari
16	Yashashree Mahakalkar	Y. Mahakalkar
17	Bhagyashree Kande	B. Kande
18	Aarti Jagtap	A. Jagtap
19	Rani Pal	R. Pal
20	Prajwal Wahane	P. Wahane
21	Minhaz Pathan	M. Pathan
22	Sapna Tembhurde	S. Tembhurde
23	Pooja Yadav	P. Yadav
24	Sushmita Bhill	S. Bhill
25	Anuradha More	A. More
26	Manisha Amnerkar	M. Amnerkar



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Principal

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

27	Ashwini Ghonge	<i>Ashwini Ghonge</i>
28	Prof. Dhananjay Dumbere	<i>Dumbere</i>
29	Bhushan Chaudhari	<i>Bhushan Chaudhari</i>
30	Priyanka Wankhede	<i>Priyanka Wankhede</i>
31	Kamlesh Pache	<i>Kamlesh Pache</i>
32	Shweta Mishra	<i>Shweta Mishra</i>
33	Pushpa Chutel	<i>Pushpa Chutel</i>
34	Kiran Gotmare	<i>Kiran Gotmare</i>
35	Abhishek Kundu	<i>Abhishek Kundu</i>
36	Kamal Chandwani	<i>Kamal Chandwani</i>
37	Neha V. Mogre	<i>Neha V. Mogre</i>
38	Vishal Tiwari	<i>Vishal Tiwari</i>
39	Jiwan Dehankar	<i>Jiwan Dehankar</i>
40	G. Ananth Kumar	<i>G. Ananth Kumar</i>
41	G. Rajesh Babu	<i>G. Rajesh Babu</i>

Prof. Roshani B. Talmale

Prof. Roshani B. Talmale

Co-ordinator, HoD[CSE]

T.G.P.C.E.T., Nagpur

Prof. Jiwan Dehankar

Prof. Jiwan Dehankar

Co-coordinator

T.G.P.C.E.T., Nagpur



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Principal
Principal
TULSI RAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Department of Computer Science & Engineering

Session 2016-17

Report on
STTP on "Big Data Analytics with Hands-on Training"

Name of Event: STTP on "Big Data Analytics with Hands-on Training".

Date of Event: 27th Jun to 1st July 2016.

Introduction:

Department of Computer Sciences and Engineering under ISTE (Indian Society for Technical Education) has organized a one week STTP Program on "Big Data Analytics with Hands-on Training" from 27th Jun to 1st July 2016 and the expert of the session was Mr. Aneesh Dhabeliya, Senior Engineer, Persistent Solution, Nagpur.

Aim:

To understand the advanced analytics algorithms, models and its implementation on Hadoop technology tools.

Objective:

1. To analyze large volume of data, big data analytics is typically perform using specialize software tools and this result will be useful for applications like predictive analytics, data mining, forecasting and data optimization etc.
2. Big data helps understand the customer need and target better way by optimizing there business process.
3. This workshop aims to professionalize participants to become sophisticated industrial practitioners and researchers to face the challenge in the field of big data analytics.

STTP Details:

Mr. Aneesh Dhabeliya, Senior Engineer, Persistent Solution conducted the session and explained about big data analytics and Hadoop System, discussed the history and evolution of big data analytics with the students, visualizes the points about how it is useful to apply to the business to get the significant values



Department of Computer Science & Engineering

from it and identify new opportunities from it. In the whole session students get the knowledge about Big Data & Hadoop Ecosystem, Hadoop Distributed File System – HDFS. Students understand the concept regarding installation of Hadoop cluster, Pig and Hive Scripts for large scale data analysis, running distributed programs on a Hadoop Cluster. Students learn about how to run Hadoop on a Cloud/clustered environment and the concept basic of Apache Hadoop.

Mapping of STTP with PO & PSO:

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. Life-long learning
8. Associated software to develop and improve performance

Outcome of STTP:

In the whole session students got aware about Hadoop is highly scalable storage platform. The program was encouraged students to update their knowledge about how Hadoop framework works for the distributed processing of large data sets across clusters of computers using simple programming models. Student got realized that to achieve a competitive edge over the peers it is important to knowing Hadoop and NoSQL databases. The students were solved the practical assignments and real world examples on Apache Hadoop and how to write Distributed Algorithms that run on hundreds of machines using Hadoop.

Conclusion:

The program started with the opening remark by Dr. G.K.Awari ,Principle,TGPCET. The Head of the Computer science and engineering department explained the objective and importance of organizing this STTP is that it will be helpful for the student to learn new trends in big data and Hadoop technology. Prof. Roshani Talamle and Prof. Jiwan Dhenkar work hard for the success of the program.



Tulsi Ramji Gaikwad-Patil College of Engineering and Technology
Wardha Road, Nagpur-441 108

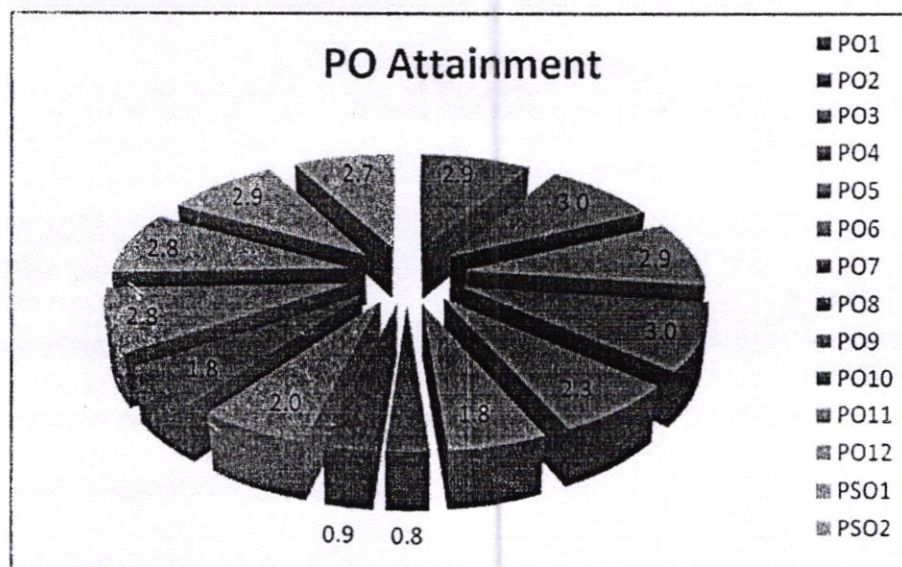
Department of Computer Science & Engineering

Acknowledgement:

On behalf of Computer Sciences and engineering department we sincerely thanks Mr. Aneesh Dhabaliya for accepting our invitation for expert speaker and conducting STTP on Big data analytics with hands on training.

PO Attainment:

PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO11	PO12	PSO 1	PSO 2
PO Attainment	2.9	3.0	2.9	3.0	2.3	1.8	0.8	0.9	2.0	1.8	2.8	2.8	2.9	2.7



[Signature]
Incharge
Assistant Professor
Dept. of Computer Science & Engg
Tulsi Ramji Gaikwad-Patil College of
Engineering and Technology, Nagpur

[Signature]
HOD CSE
Head of Dept. (Computer Science & Engg.)
Tulsi Ramji Gaikwad-Patil College of
Engineering and Technology, Nagpur

Department of CSE



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Principal
TULSI RAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Vidarbha Bahu - uddeshiya Shikshan Sanstha's

Accredited by NAAC, Bengaluru

TULSIRAMJI GAIKWAD-PATIL College of Engineering & Technology

Workshop on

IBM Rational

(Self Sponsored)

22th Sept, 2016

REGISTRATION FORM

1. Name of participant: _____

2. Age _____

3. Designation: _____

4. Mailing Address: _____

6. Email: _____

7. Cell No.: _____

8. Qualification: _____

9. Experience (Teaching) _____

10. ISTE Membership No. _____
(Attach photocopy of membership card)

Date:

Name & Designation
of the Sponsoring Authority with Seal

Signature



Indian Society for
Technical Education
New Delhi



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Department of Information Technology

Vidarbha Bahu - uddeshiya Shikshan Sanstha's Accredited by NAAC, Bengaluru



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College of Engineering & Technology

Wardha Road, Nagpur, Maharashtra - 441 108

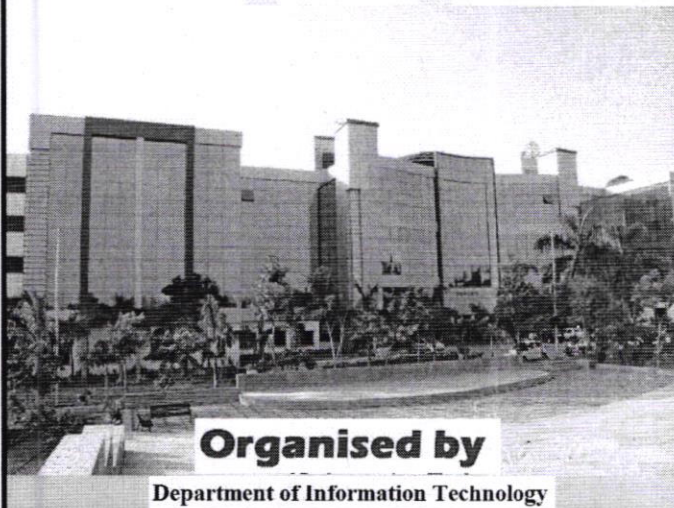
Organises

Workshop
on

"IBM Rational Rose"

Under ISTE Staff Chapter
(Self Sponsored)

22th Sept, 2016



Organised by

Department of Information Technology

E-mail: hod.it@tgpcet.com

Website: www.tgpcet.com

Mob.: +91- 90110 09856, +91 - 85549 82302



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



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

Department of Information Technology

Session 2016-17

Date: 15/09/2016

Notice

All the Teaching staff are hereby informed that Department of Information Technology is organizing a workshop on 'TBM Rational Rose' under ISTE faculty chapter on 22/09/2016. Faculties are requested to register their name to Prof. Jayant Rohankar program co-ordinator on or before 19/09/2016.

Venue: JRD, TATA Hall TGPCET.


Co-ordinator


HoD (Info. Tech.)

Head of Dept. (Information Technology)
Tulsiramji Gaikwad-Patil College of
Engineering & Technology, Nagpur.



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



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

Department of Information Technology

Session 2016-17

Workshop on "IBM Rational Rose"

Attendance Sheet

Sr. No.	Name of Participants	Day (22/09/2016)	
		Session-I	Session-II
①	Mr. Rachit Singh		
2	Sarvesh Wanjurkar		
3	Roshan Chandekar		
4	Jiwon Dehonkar		
5	Neha Mogre		
6	Jitendra Sahasrabhushan		
7)	Hitesh Godbole		
8	Seema Badnason		
9	A.H. Grade		
10	Jayant Rohanrao		
11	Lalit Gaikwad		
(12)	Rashmi Bhar		
13	Sheha Padole		
14	Seena Tanekar		
15	Prati Nagdwe		
16	Titiksha Bhagat		
17	Farul Bhanorkar		
18	Ashish Gupta		
19	Sagar Zode		

Principal

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TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR

Head of Dept. (Information Technology)
Tulsiramji Gaikwad-Patil College of
Engineering & Technology, Nagpur.





Department of Information Technology

Session 2016-17

Date: 23/09/2016

Workshop on "IBM Rational Rose"

Aim:- The main objectives of hands on workshop on "IBM Rational Rose" are to give additional help to faculty and improve their learning ability.

Introduction:

IBM Rational Rose Real Time is a software development environment tailored to the demands of real-time software. Developers use Rose Real Time to create models of the software system based on the Unified Modeling Language (UML) constructs, to generate the implementation code, compile, then run and debug the application.

Benefits

- 1) Explore a common approach to software development where all members of the team share a common vision of the system under development.
- 2) Participate in a series of facilitated hands-on workshops and produce representative project artifacts
- 3) Learn the capabilities and methodologies of all components within Rational Suite.
- 4) Evaluate the Rational Suite quickly and completely, so you can feel confident in your purchasing decision.

Objective:

Objective of this workshop is to promote the discovery and dissemination of high quality teaching and research in the area of Software Engineering. The need of software engineering is increasing in all areas of applications due to increasing size and complexity of the software projects.

Contents of Workshop

Basics of Software Engineering

UML

SRS & DFD

Rational Rose

UML based Quiz along with participant's feedback.



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

Department of Information Technology

Glimpses of Workshop



IBM Rational Rose Workshop on 22th Sept. 2016.

Angur
23/09/16
HoD (Info. Tech.)

Principal

**TULSI RAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR**



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College of Engineering & Technology, Nagpur

Wardha Road, Nagpur - 441 108

Accredited by NAAC, Bengaluru and ISO 9001:2008 Certified Institution

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

Under TGPCET-ISTE Staff Chapter

TWO DAYS WORKSHOP ON OUTCOME BASED ACCREDITATION AND NBA PROCESSES

10th - 11th December 2016



Organized by
Department of
Information Technology

Organizing Committee

Patrons

Dr. Mohan Gaikwad-Patil
Chairman, Gaikwad-Patil Group

Dr. Anjali Patil-Gaikwad
President, GPGI

Prof. Sandeep Gaikwad
Treasurer, GPGI

Convener

Dr. G. K. Awari
Principal

Co-Convener

Dr. Harikumar Naidu
HoD, Electrical Engineering,

Organizing Secretary

Prof. Anup Gade
HoD, Information Technology

Jt. Organizing Secretary

Prof. Sarvesh Warjurkar
Dept. of Information Technology

Dear Sir/Madam,

We are glad to inform you that Tulsiramji Gaikwad-Patil College Engineering & Technology, Nagpur is going to organize a two day workshop on "Outcome Based Accreditation and NBA Processes" for the Faculty members of Engineering & Technology on 10th and 11th December 2016.

Venue : JRD Tata Hall, College Campus

The Topics covered in the workshop are related to NBA Accreditation criteria based on Self Assessment Report (SAR-2016). The following criterion will be discussed in the course.

Program Level Criteria

1. Vision, Mission and Program Educational Objectives
2. Program Curriculum and Teaching - Learning Processes
3. Course Outcomes and Program Outcomes
4. Students' Performance
5. Faculty Information and Contributions
6. Facilities and Technical Support
7. Continuous Improvement

Institute Level Criteria

8. First Year Academics
9. Student Support Systems
10. Governance, Institutional Support and Financial Resources

We request you to kindly attend the program.

Thanking You,

With Best Regards,

Prof. Anup Gade

HoD, Information Technology
Organizing Secretary

Dr. G. K. Awari

Principal
Convener



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



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

NAAC Accredited

Department of Information Technology

Session 2016-17

Date: 01/12/2016

Notice

All the Teaching staff are hereby informed that Department of Information Technology is organizing a workshop on "Two Days Workshop on Outcome Based Education & New NBA Formats" under ISTE faculty chapter on 10/12/2016 to 11/12/2016. Faculties are requested to register their name to Prof. Sarvesh Warjurkar program co-ordinator on or before 05/12/2016.

Venue: JRD, TATA Hall TGPCET.

Co-ordinator

Agarwal
11/12/16
HoD (Info. Tech.)



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[Signature]
Principal
TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



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

Department of Information Technology

Session 2016-17

Workshop on "Outcome Based Education & New NBA Format"

Attendance Sheet

Sr. No.	Name of Participants	DAY 1 (10/12/2016)		DAY 2 (11/12/2016)	
		Session-I	Session-II	Session-I	Session-II
1	J.P. Raju	mm	mm	mm	mm
2	Pratik Ghosh	P	P	P	P
3	Abhay Rewalkar	b	b	AD	b
4	Sarvesh Warjurkar	msj	msj	msj	msj
5	Rashmi Bhat	P	P	P	P
6	Roshani Palmale	P	P	P	P
7	Rajesh Babu	P	P	P	P
8	Jayant Rohamkar	P	P	P	P
9	Anup H. Chak	my	my	my	my
10	R.A. Chandekar	ps	ps	ps	ps
11	Sagar Dandu	Stank	Stank	Stank	Stank
12	J. N. Jhonker	Gene	Gene	Gene	Gene
13	J. Subhashbuddhe	st	st	st	st
14	Rohit Chutane	ser	ser	ser	ser
15	Dayal Roy	pscl	pscl	pscl	pscl
16	Hubert Gadhwale	fm	fm	fm	fm
17	Prishna Phatak	P	P	P	P
18	Revati Pagale	Reva	Reva	Reva	Reva
19	Parul Bhansara	tan	tan	tan	tan



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



"Two Days Workshop on Outcome Based Education & New NBA Formats"

Aim:- Aim of the workshop was to introduce new NBA format imperatives and sensitize teaching faculty regarding quality improvement and setting processes of continuous assessment in Outcome Based Education .

Introduction:

A two day accreditation workshop was arranged for TGPCET faculty on, 10th December 2016 and 11th December 2016 at JRD Tata Hall, College Campus.

Four sessions followed by exercises were carried out under the themes of New NBA Imperatives, Program Level Perspective, Defining Course Outcomes and Mapping COs with PO/PSOs, and Course Planning.

Principal, Government Polytechnic, Karad Dr. V. S. Bandal inaugurated the workshop and underlined the importance of accreditation in the overall quality improvement efforts.

Sessions were conducted by Dr. V. S. Bandal. In the morning session, Dr. V. S. Bandal highlighted the key distinguishing features of NBA format, Emphasis on Teaching Learning Processes and Evidence Based Teaching also elaborated on the use of Bloom's Taxonomy of cognitive levels while defining course outcomes.

He also discussed the guidelines for deciding the strength of mapping between Course Outcomes and Program Specific Outcomes. During the post-lunch session. The workshop was attended by 24 faculty participants from Information Technology and Computer Science & Engineering departments.

Participants took active part during the exercises and deliberated upon their respective PSOs, Course Outcomes and Course Planning for the new semester in the light of the guidelines discussed during the sessions. This initiative was undertaken to give a boost to quality improvement initiative at Institute level.

Two Days Workshop Outcomes:-

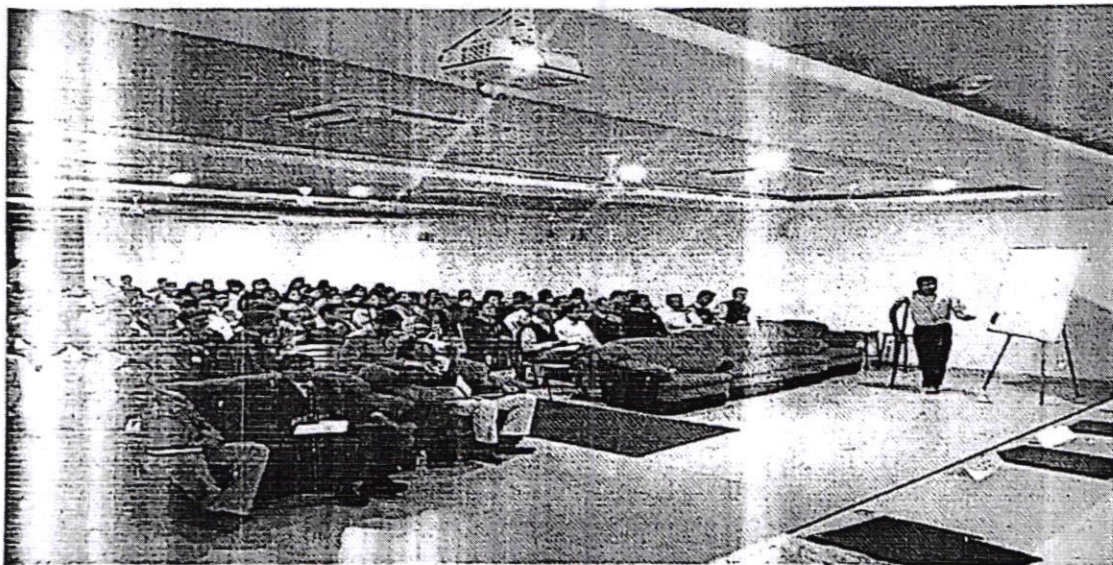
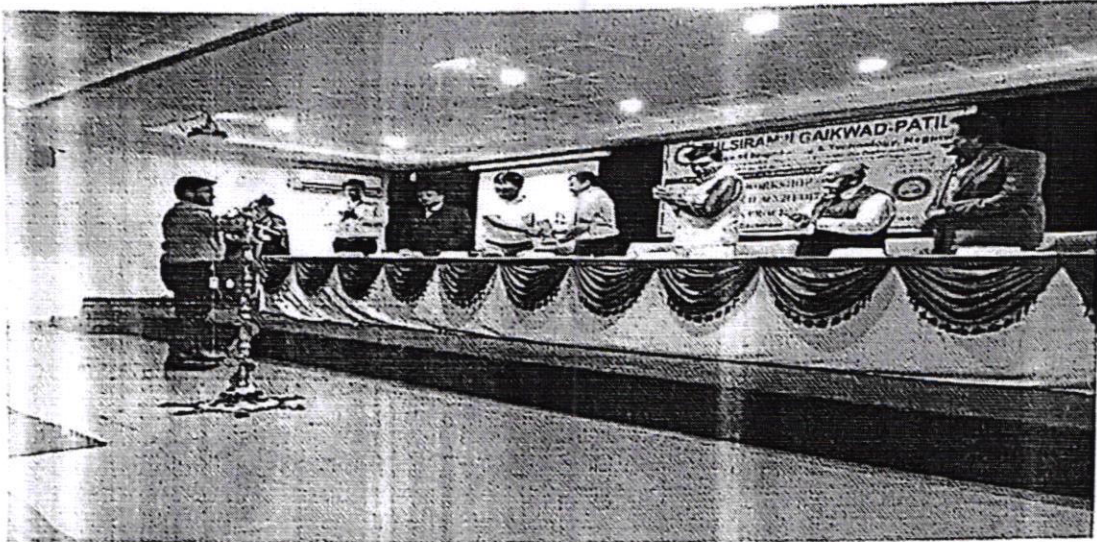
- 1) The relevance of outcome based education, role of NBA, usefulness of accreditation, and processes associated with accreditation.
- 2) Write vision, mission of department, PEOs, POs, PSOs and COs and the associated mappings for a B.E. program in institutions.
- 3) Understand methods and processes available to attain POs and PSOs in a Diploma or B.E. program in institutions Plan processes, including setting targets, measurement of attainment, planning for closing the attainment gap, for continuous improvement of quality of learning
- 4) Prepare SAR Tier 2 document.
- 5) Understand the role of ISO certification as a motivator to NBA accreditation.



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

Department of Information Technology

Glimpses of Workshop



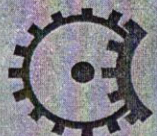
Outcome Based Education & New NBA Format workshop on 10th to 11th Dec, 2016



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Principal
TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING & TECHNOLOGY, NAGPUR
HOD (Info. Tech.)
18/12/16

Head of Dept. (Information Technology)
Tulsiramji Gaikwad-Patil College of
Engineering & Technology, Nagpur.



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College of Engineering & Technology

Wardha Road, Mohgaon, Nagpur - 441108 An ISO 9001 : 2008 Certified Institution
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DTE CODE: 4151

One Day Workshop

on

Industrial Robotics, Cloud Computing & Information Security

Organized by
Department of Electronics & Communication Engg.

In association with



[Signature]

Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Time : 10 am to 5 pm

Venue

A-wing Bhatkar Hall

TGPCET

Duration of Workshop

One Day

Date: 2nd Feb., 2017

Last date of Registration: 30th Jan., 2017

No Registration Fees

Co-ordinator

Ms. Nagma Sheikh

9404089582



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

Department of Electronics & Communication Engineering

Session -2016-2017

Even Semester

Date:24/1/2017

Notice

All the Teaching Staff are hereby inform that department of Electronics and Communication are organizing a Workshop on “**Industrial Robotics,Cloud Computing & Information Security**”. By **Mr,Anil Tatode,Training Officer,PLC-SCADA, Oberoi Centre for Excellence** arranged under IE(I) faculty chapter on 2nd February ,2017.Faculty are requested to register their name on or before 30th January,2017 to Ms. Nagma Sheikh,Co-ordinator. The certificates will be issued by institute to all the staff members.

All the staff are requested to take a note of it.

Course duration : 2nd February ,2017.

Time of workshop : 10:00 a.m. to 5:00 p.m.

Venue : A Wing Vijay Bhatkar Hall, TGPCET


Co-ordinator


HOD ECE
HOD

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



Department of ECE

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TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

Department of Electronics & Communication Engineering

SESSION 2016-17

Workshop on Industrial Robotics, Cloud Computing & Information Security

(Attendance Sheet)

Date: 2/2/2017

Sr No	Candidate Name	Branch	Day1	
			Sess-I	Sess-II
1	Supratima Saha	ECE	<i>Saha</i>	<i>Saha</i>
2	Rashmi Talmale	CSE	<i>R</i>	<i>R</i>
3	Rohini Pochhi	ECE	<i>Rohini</i>	<i>Rohini</i>
4	Nagma Sheikh	ECE	<i>N</i>	<i>N</i>
5	Rashmi Bhat	IT	<i>R</i>	<i>R</i>
6	Deepak Sharma	ETRX	<i>D</i>	<i>D</i>
7	Amit Gulab Palsur	ECE	<i>P</i>	<i>P</i>
8	Tarupti Tawari	ETRX	<i>T</i>	<i>T</i>
9	Rahul Dhutware	ETRX	<i>R</i>	<i>R</i>
10	Rashmi Nagpure	ECE	<i>R</i>	<i>R</i>
11	Nela Nagre	CSE	<i>N</i>	<i>N</i>
12	Shrikant Herekar	ECE	<i>S</i>	<i>S</i>
13	Sarvesh Warjurkar	IT	<i>S</i>	<i>S</i>
14	Geetika Pandle	ECE	<i>P</i>	<i>P</i>
15	Jivan N. Dehankar	CSE	<i>J</i>	<i>J</i>
16	Deepak Bhoyas	ETRX	<i>D</i>	<i>D</i>
17	Swapna Shelote	ECE	<i>S</i>	<i>S</i>
18	TUSHAR UPALANKHEDKAR	ECE	<i>T</i>	<i>T</i>
19	Ganesh Polane	ECE	<i>G</i>	<i>G</i>



True Copy Attest

Rashmi
HOD

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

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



**Report
on
WORKSHOP ON INDUSTRIAL ROBOTICS, CLOUD COMPUTING & INFORMATION
SECURITY**

Date: 2nd February, 2017

Department of Electronics & Communication Engineering organizing a workshop on "Industrial Robotics, Cloud Computing & Information Security" for Teaching staff on 2nd February, 2017.

Aim: To understand how to develop the Industrial Robotics, Cloud Computing & Information Security.

Objective:

1. Cloud robotics is a field of robotics that attempts to invoke cloud technologies such as cloud computing, cloud storage, and other Internet technologies centred on the benefits of converged infrastructure and shared services for robotics. When connected to the cloud, robots can benefit from the powerful computation, storage, and communication resources of modern data center in the cloud, which can process and share information from various robots or agent (other machines, smart objects, humans, etc..)
2. Cloud computing security or, more simply, cloud security refers to a broad set of policies, technologies, applications, and controls utilized to protect virtualized IP, data, applications, services, and the associated infrastructure of cloud computing. It is a sub-domain of computer security, network security, and, more broadly, information security.

Introduction:

Department of Electronics & Communication Engineering under IE(I) has Conducted Workshop on Industrial Robotics, Cloud Computing & Information Security In this workshop both theory and practical session are covered.

The course gives basic knowledge of Cloud computing basically offers everyone a safe storage facility for their data and files. All the files that are stored in the Cloud are stored in a server in an array of data centres that are spread all across the globe. In such a facility, it is important to get the exact location of any data, as different organisations have the option to use a number of server locations from all around the world. The way for users to get access to the files that are stored on the Cloud is via the right credentials. As cloud computing becomes more and more critical not just for the IT industry, but also for businesses in general, the demand for professionals with the right skills in cloud computing has also grown. A certification for completing the right cloud computing courses is the best way to prove that a professional is equipped with the right knowledge and skills to be able to compete favourably in the industry.

Outcome :-:

1. Knowledge and understood the fundamental of Cloud Computing and Information security.



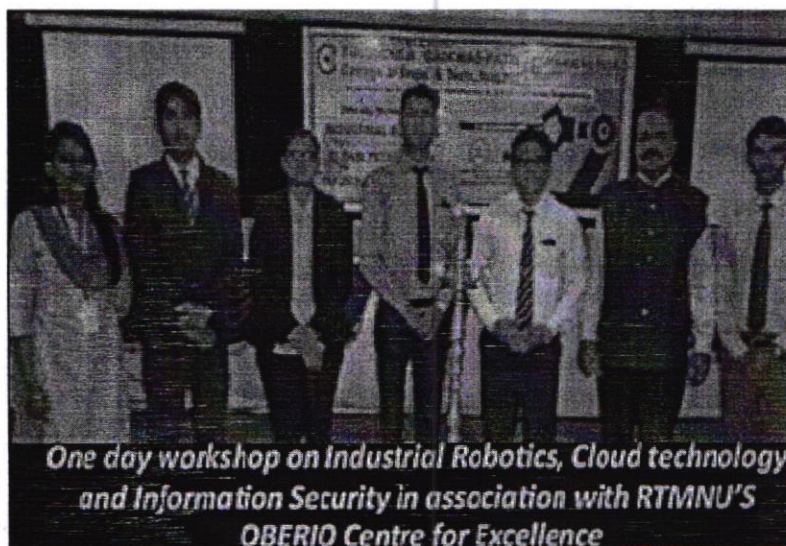
2. A wide competence from different areas of technology, especially from computer engineering, robotics, electronics, intelligent systems..
3. Learned the basics of Industrial Robotics.
4. What “the Internet of Things” means and how it relates to Cloud computing concept.
5. How open platforms allow you to store your sensor data in the Cloud

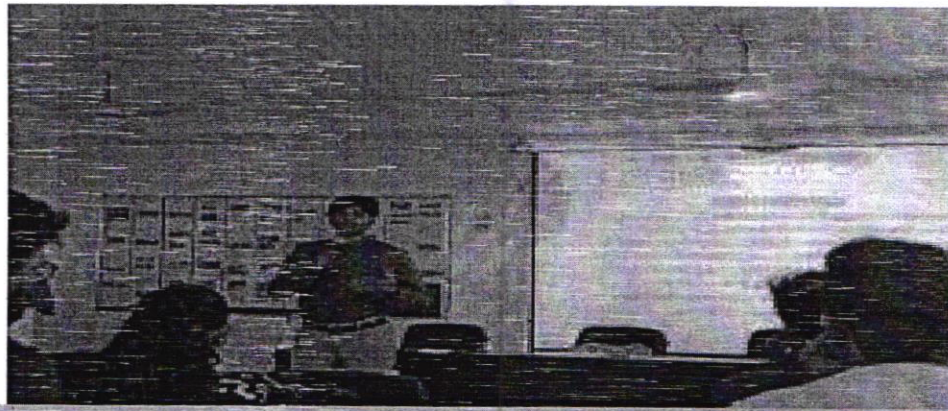
The following PO's have been accomplished:

This Workshop helps the Teaching Staff to learn about

1. Engineering knowledge.
2. Problem Analysis.
3. Design/development of solutions.
4. Modern tool usage.

Glimpses of Event:





*Industrial Robotics, Cloud Computing & Information Security Program
by Mr, Anil Tatode, Training Officer, PLC-SCADA, Oberoi Centre for
Excellence, Nagpur*

Conclusion:

The workshop started with opening remark of Head of the Department, Electronics and Communication Engineering, and a little more added by Mr, Anil Tatode, Training Officer, PLC-SCADA, Oberoi Centre for Excellence, Nagpur.

Workshop started with introduction of Robotics followed by brief knowledge about Cloud computing and Information security. Workshop ended with Certificate distribution and the vote of thanks proposed by program coordinator.

Feedback Analysis:

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PO Attainment	3	2.925	2.57	2.07	2.77	2.26	2.19	2.03	2	2.25	2.12	2.25

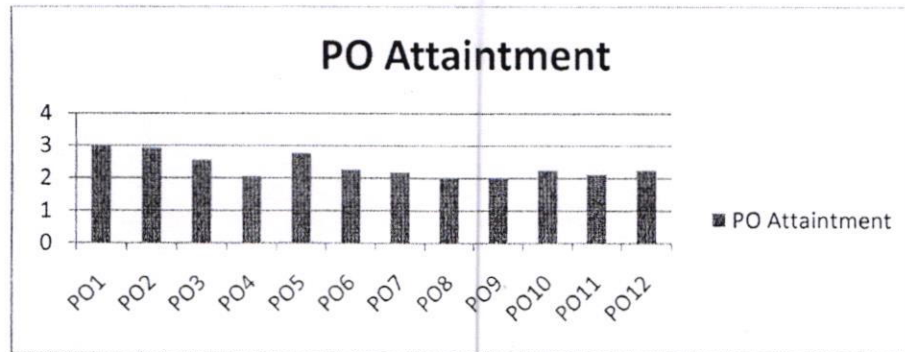


Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

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Department of Electronics & Communication Engineering



Coordinator

HoD, ECE

HOD

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



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

REGISTRATION / ELIGIBILITY

No Registration Fees. All third year students of IT / ECE / ETRX branches.

HOW TO REGISTER

- 1) Interested participants should send their duly completed registration form through proper channel to Prof. Supratim Saha, Vice-Principal, TGPCET Two days Training Program on "VSAT Satellite Communication" Tulsiramji Gaikwad-Patil College of Engg. & Tech., Wardha Road, Nagpur - 441 108 Maharashtra State (INDIA).
- 2) As seats are limited. Confirmation of eligible candidates will be done as per criteria provided by TGPCET-ISTE Students Chapter.

IMPORTANT DATES

Last date for receipt of application: 30 March 2017
Selection intimation to applicants: 31 March 2017
Last date for receipt of confirmation from the applicants: 31 March 2017 on or before 4 pm.

VENUE

Tulsiramji Gaikwad-Patil College of Engg. & Tech.
Mohgaon, Wardha Road
Nagpur, Maharashtra, India
www.tgpcet.com



PATRONS

Dr. Mohan Gaikwad-Patil (Chairman, Gaikwad-Patil Group)

Dr. Anjali Patil-Gaikwad (President, GPG)

Prof. Sandeep Gaikwad (Treasurer, GPGI)

CONVENER

Dr. G. K. Awari
Principal, TGPCET

COORDINATOR (S)

1) Prof. Supratim Saha, Vice-Principal, TGPCET
Mob: +91 8554982301, E-mail: v.principal@tgpcet.com

2) Prof. Deepak Sharma, Asst. Prof. (ETRX)
Mob: +91 8888897944, E-mail: deepak.etrx@tgpcet.com

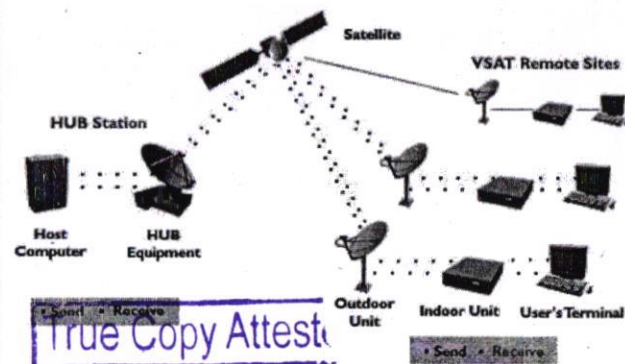
3) Prof. Snehal Paliwal, Asst. Prof. (ECE)
Mob: +91 7774050428, E-mail: snehal.ece@tgpcet.com

ORGANIZING COMMITTEE

Prof. Swapna Shelote

Prof. Jayant Rohankar

Prof. Shubhangi Dhengre



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College of Engineering & Technology
Wardha Road, Nagpur 441 108 An ISO 9001:2008 Certified Institution



Under
TGPCET - IE(I)
Students Chapter



31st March - 1st April 2017



Organized by
Department of
Electronics & Communication Engineering

Website: www.tgpcet.com

Mob.: +91 85549 82301, +91 88888 97944, +91 77740 50428

Tel / Fax: 0712-2240656

GAIKWAD-PATIL
GROUP OF INSTITUTIONS

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR

Designed by: Prof. N. Pradeep +91 - 992 296 6187

ABOUT TRAINING PROGRAM

In a quest to educate with wholesome robotic learning, TGPCET has stepped forward to train students about robot building and programming. Our goal has been focusing on the educational space of manual as well as embedded software and robotics. By developing an active interest towards them, we aim to lay a strong foundation for the technical development of our country. We are a constant facilitator in the scientific and technical education of students by providing them classroom education, workshops and other resources through wide variety of hardware and robotic kits, software based robot programming tools and web based learning resources.

COURSE CONTENT

Session 1:

Introduction to very small aperture terminal antenna and satellite communication

Session 2:

Introduction to software define radio and automatic dependent surveillance broadcast system and hands on session

Session 3:

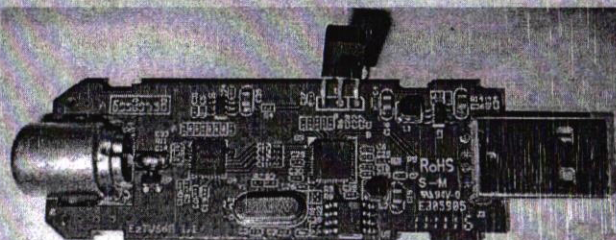
Hands on session for setting-up open air dish with tuner and set-top box

Session 4:

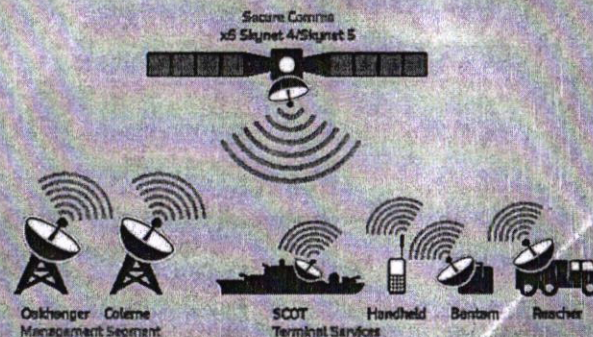
Demonstration of IRDA and Laser communicator

COURSE DESCRIPTION

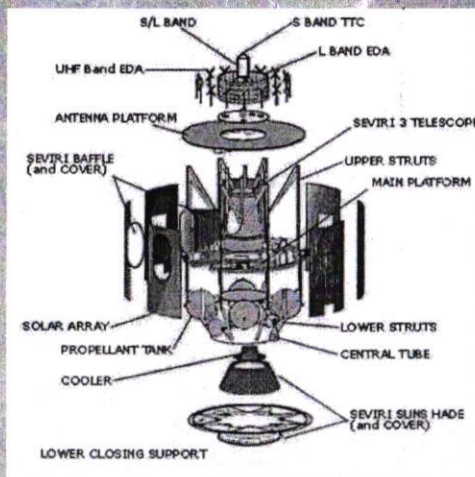
The course includes hands on sessions for setting up open air dish along with Automatic dependent surveillance and its working. It also includes usage of Laser and IRDA as communicators.



RTL-SDR Modem



Satellite Communication Technology



Satellite Architecture



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College of Engineering & Technology

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Under TGPCET-IE(I) Students Chapter

Two Days Training Program on VSAT Satellite Communication

Organized by

Department of Electronics & Communication Engineering

31st March - 1st April 2017

REGISTRATION FORM

1. Name of participant: _____

2. Department: _____

3. Year & Sem.: _____

4. Cell No.: _____

6. Email: _____

I undertake to abide by the rules and regulation governing TGPCET - IE(I) STUDENTS CHAPTER and shall attend the course for complete duration.

Date: _____

Signature of Applicant _____



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Department of Electronics & Communication Engineering

Session 2016-2017

Even Semester

Date:14/3/2017

Notice

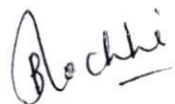
All the Teaching Staff are hereby inform that department of Electronics and Communication are organizing a Workshop on "VSAT Satellite Communication". By **Mr.Roshan Kamble,Airport Director, Dr.Baba Saheb Ambedkar Airport,Nagpur** arranged under ISTE faculty chapter on 31st March -1st April ,2017.Faculty are requested to register their name on or before 30th March,2017 to Ms. Snehal Paliwal,Co-ordinator. The certificates will be issued by institute to all the staff members. All the staff are requested to take a note of it.

Course duration : 31st March -1st April ,2017.

Time of workshop : 10:00 a.m. to 5:00 p.m.

Venue : A Wing Vijay Bhatkar Hall, TGPCET


Co-ordinator


HOD,ECE

HOD
Department of Electronics & Comm.
Tulsiramji Gaikwad - Patil College
of Engineering & Technology, Nagpur.


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



Department of ECE

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Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

Department of Electronics & Communication Engineering

SESSION 2016-17

Workshop on VSAT Satellite Communication

(Attendance Sheet)

Date: 31-03-2017 to 01/04/2017

Sr No	Candidate Name	Branch	Day1		Day2	
			Sess-I	Sess-II	Sess-III	Sess-IV
1	Supratim Salu	ECE	Salu	Salu	Salu	Salu
2	Nagma Shelote	ECE	Shelote	Shelote	Shelote	Shelote
3	Rohini Poehli	ECE	Poehli	Poehli	Poehli	Poehli
4	Swapna Shelote	ECE	Shelote	Shelote	Shelote	Shelote
5	Geethika Pande	ECE	Pande	Pande	Pande	Pande
6	Amit Palsunge	ECE	Palsunge	Palsunge	Palsunge	Palsunge
7	TUSHAR UPLANCHIWAR	ECE	Uplanchiwar	Uplanchiwar	Uplanchiwar	Uplanchiwar
8	Snehal Palsunge	ECE	Palsunge	Palsunge	Palsunge	Palsunge
9	Deepak Sharma	ECE	Sharma	Sharma	Sharma	Sharma
10	Roshan Nagpure	ECE	Nagpure	Nagpure	Nagpure	Nagpure
11	Shrikant Goshwami	ECE	Goshwami	Goshwami	Goshwami	Goshwami
12	Gaurav Pokhara	ECE	Pokhara	Pokhara	Pokhara	Pokhara
13	Mayur Nannwar	ECE	Nannwar	Nannwar	Nannwar	Nannwar

Prachi
HOD, ECE
HOD

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



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Nannwar
Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



**Report
on
WORKSHOP ON VSAT SATELLITE COMMUNICATION**

Date: 1st April 2017

Department of Electronics & Communication Engineering organizing a workshop on "VSAT Satellite Communication" for Teaching staff on 31st March -1st April, 2017.

Aim: To understand application of satellite communication and antenna.

Objective:

1. This program aims at providing an opportunity for participants to enrich their knowledge and skill in developing various solutions for solving engineering problems in the society. This program serves as a platform for research scholars, faculty, engineers and faculty to interact on cutting edge technologies in Satellite Communication.
2. The VSAT Lab can be utilized to train students about VSAT network configurations and their functionality, SAT traffic and protocol analysis as well as train technicians from RF Engineering, SAT fabrication and maintenance engineer, SAT Lab technicians and Broadcast operators
3. To know about the antenna and VSAT.
4. To motivate faculty to select and design projects as per industry needs.

Introduction:

Department of Electronics & Communication Engineering under ISTE has Conducted Workshop on VSAT Satellite Communication. In this workshop both theory and practical session are covered.

The course gives basic knowledge of satellite communication and antenna. The training program was design in such a way that it provided faculty insight into world of satellite communication as well as technology related to Very Small Aperture Terminal (VSAT). The contents keep accordingly keeping in mind the needs of Electronics and Communication Engineering faculty that deals with the satellite communication. The training session gave the faculty a hand on experiences of VSAT combination of transmitter and receiver along with sixth generation real time location software defined radio device capable of demonstrating links of satellite communication with reference to FM transmitter as well as automatic dependent surveillance broadcast methodologies. The training also gave the knowledge of satellite based television and FM reception with the hands on approach from signal identification to completion of setup. An IRDA as well as laser communicator pair along with a Bluetooth audio gateway system made it fruitful for the faculty who got the depth knowledge with live demonstration regarding satellite communication.



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COLLEGE OF ENGINEERING &
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Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

NAAC Accredited

Department of Electronics & Communication Engineering

Outcome :-:

1. Understand VSAT Networks Compared with Terrestrial Communications.
2. Learn about VSAT Satellite Network Topology.
3. Understand Transmitting & receiving of Audio, Video, and Tone/ Voice and also perform Link Fail Operations.
4. Transmit and receive Function Generator Waveforms and also PC data through satellite-link.
5. Determine delay between Uplink transmitter and Downlink receiver during data transmission and have an overview of working of VSAT.

The following PO's have been accomplished:

This Workshop helps the Teaching Staff to learn about

1. Engineering knowledge.
2. Problem Analysis.
3. Engineer and Society
4. Individual team work
5. Project Management and Finance.

Glimpses of Event:



VSAT Satellite Communication Program by Mr. Roshan Kamble, Airport Director, Dr. Baba Saheb Ambedkar Airport, Nagpur



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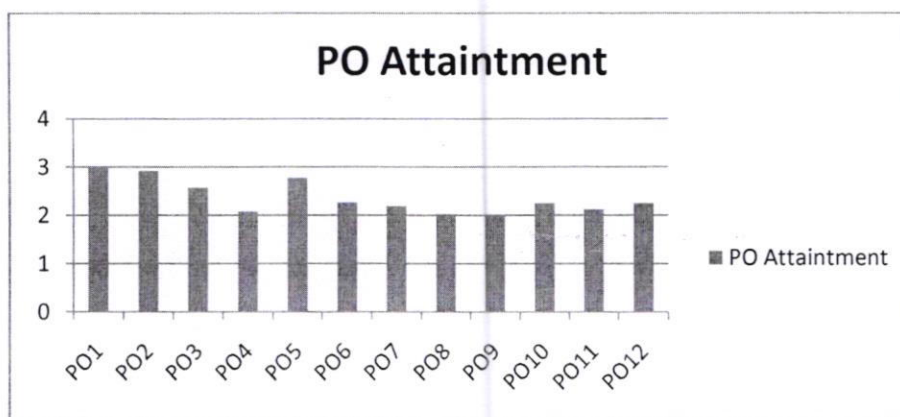
TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR


Conclusion:

The workshop started with opening remark of Head of the Department, Electronics and Communication Engineering, and a little more added by Mr. Roshan Kamble, Airport Director, Dr. Baba Saheb Ambedkar Airport, Nagpur. Workshop started with introduction of Satellite communication followed by brief knowledge about VSAT. Workshop ended with Certificate distribution and the vote of thanks proposed by program coordinator.

Feedback Analysis:

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PO Attainment	3	2.925	2.57	2.07	2.77	2.26	2.19	2.03	2	2.25	2.12	2.25



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Principal
TULSI RAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Department of Civil Engineering

Session: 2016-17
Report on
One Day Workshop on Structural Dynamics
Name of Event: One Day workshop on Structural Dynamics

Date of Event: 19-08-2016

Event Coordinator: Prof. Sanjay Bhadke

Introduction:

Department of civil engineering organized One Day workshop on Structural Dynamics in civil engineering under Institute of Engineer's (India) banner. Structural Dynamics is the type of structural analysis which covers the behavior of a structure subjected to dynamic (action having high acceleration) loading. Dynamic Loads include people, wind, waves, traffic, earthquake & blast. Any structure can subjected to dynamic loading.

Aim:

The purpose of this course is to help student and faculty members to understand the behavior of a structure subjected to dynamic (action having high acceleration) loading.

Objective:

1. Learning Methods to analyze structure subjected to any kind of dynamic excitation and computing quantities like displacement, forces, stresses etc.
2. Understanding the analytical methods and procedures in a way that emphasize physical insight.
3. A dynamic data structure refer to an organization or collection of data in memory that has the flexibility to grow or shrink in size enabling a programmer to control exactly how much memory is utilized.

Event Details:

Mr. Satish Raipure conducted the session and explains about Structural Dynamics in civil engineering. Structural analysis is mainly concern with finding out the behavior of a physical



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



Department of Civil Engineering

structure when subjected to force. These action can be in the form of load due to weight of things such as people, furniture, wind, snow etc.

Outcomes:

1. Compute analytical and numerical solution for general cases of equations of motions.
2. Reduced the natural frequencies and mode shaped for multi-degree freedom system.
3. Analyze the response of a structure by time domain methods and frequency domain methods.

Attainment of PO:

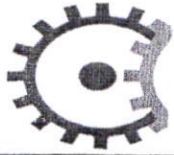
- PO 1. Engineering knowledge
- PO 2. Problem analysis
- PO 3. Design/Development of Solutions
- PO 5. Modern Tool usage
- PO 6. The Engineer And Society
- PO 9. Individual and teamwork
- PO 11. Project Management and Finance
- PO 12. Life-long learning

Conclusion:

The course provided in Structural Dynamics provides with a basic working knowledge of. Learning Methods to analyze structure subjected to any kind of dynamic excitation and computing quantities like displacement, forces, stresses etc. Understanding the analytical methods and procedures in a way that emphasize physical insight.

**Glimpses of Event:****One Day Workshop on Structural Dynamic's****Acknowledgement:**

On behalf of Civil Engineering department we sincerely thanks to Mr Satish Raipure for accepting our invitation for expert speaker and conducting one day workshop on Structural Dynamics.

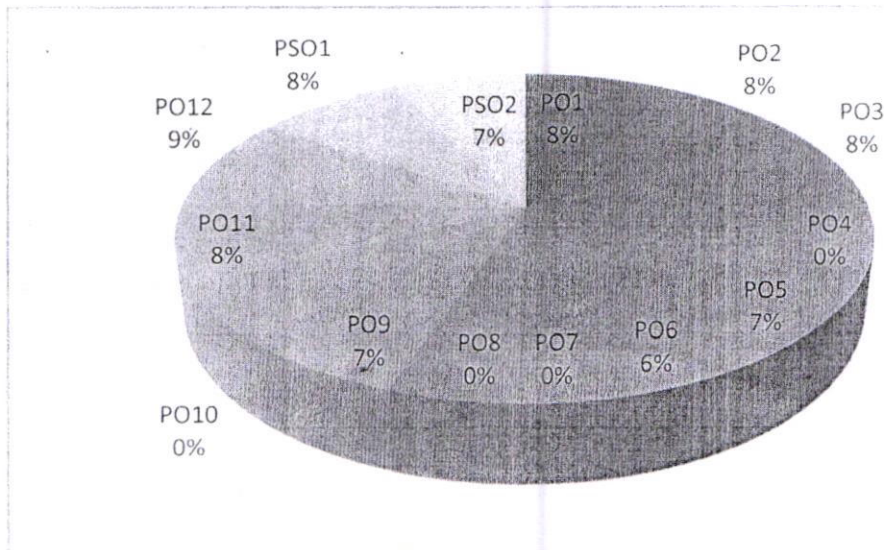


Tulsiramji Gaikwad-Patil College of Engineering and Technology
Wardha Road, Nagpur-441108

Department of Civil Engineering

PO Attainment:

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
2.8	2.8	2.7	0	2.4	2.1	0	0	2.2	0	2.7	3.0	2.7	2.4



Event In charge

Assistant Professor
Department of Civil Engineering

HOD (Civil Engg. Dept.)

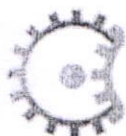
H.O.D.
Department of Civil Engineering
T.G.P.CET, Nagpur



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Principal

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COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR**



Vidarbha Bahir-uddeshiya Shikshan Sanstha's

TULSIRAMJI GAIKWAD-PATIL College of Engineering & Technology

Mehgaon, Wardha Road, Nagpur - 441 108 Tel: 07103-645410 Mob: 09922966173
Approved by AICTE, New Delhi, Govt. of Maharashtra & Affiliated to RTM Nagpur University
E-mail: principal@tgpccet.com Website: www.tgpccet.com
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GAIKWAD GROUP OF INSTITUTIONS

Gaikwad Group of Institutions
Gayatri Nagar, B.K. Road,
Nagpur - 441 108
Tel: 07103-645410
Fax: 07103-645411
E-mail: vidarbha@gaikwadgroupofinstitutions.com

Department of Civil Engineering

Organizes

WORKSHOP

ON

DEMONSTRATION ON TILTING FLUME APPARATUS
(CALCULATION OF HYDRAULIC JUMP)

In association with

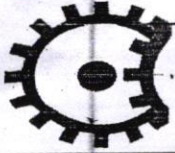


Date : 20th August, 2016



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CA. A. Chhabra
H.O.D.
Department of Civil Engineering
TULSIRAMJI GAIKWAD-PATIL
Principal
TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



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Wardha Road, Nagpur-441108

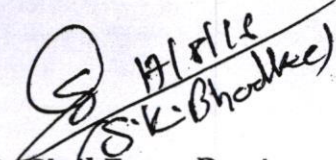
Department of Civil Engineering

Session: 2016-17

Notice

Dated: 17-08-2016

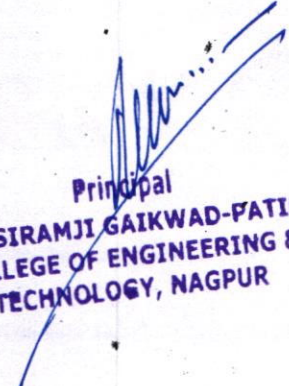
All the Teaching staff of Tulsiramji Gaikwad Patil College of Engineering and Technology are hereby informed that Civil Engineering Department is organizing "Workshop on Demonstration on Tilting Flume Apparatus (Calculation of Hydraulic Jump)" on 20 August 2016. All the Teaching faculty members are request to attend the workshop.


HOD, Civil Engg. Dept
H.O.D.

Department of Civil Engineering
T.G.P.C.E.T. Nagpur.



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

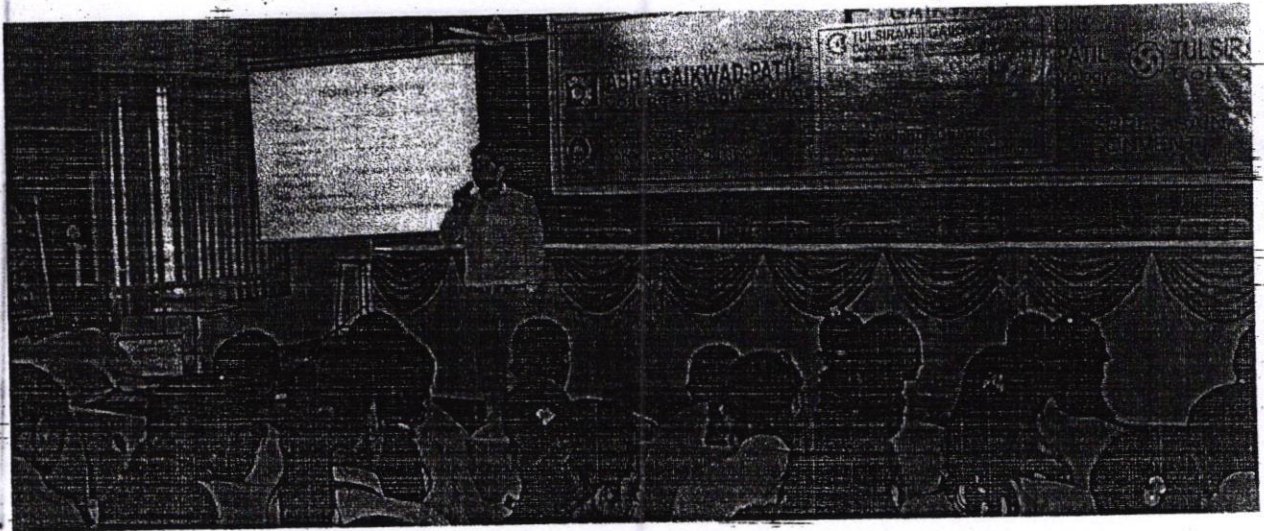


Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441108

Department of Civil Engineering

Session: 2016-17



One Day Workshop on Demonstration On Tilting Flume Apparatus.

Event In charge

**Assistant Professor
Department of Civil Engineering
T.G.P.C.E.T. Nagpur.**

HOD (Civil Engg. Dept.)

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



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



Department of Civil Engineering

Session : 2016-17

Feedback Form

Topic: One Day Workshop on Demonstration on Tilting Flume Apparatus (Calculation of Hydraulic Jump)

Date: 20 Aug 2016

- a. At what this Guest Lecture /Workshop helps in applying knowledge of mathematics, science and engineering fundamentals?
- ☐ Not Applicable ☒ Slight(Low) ☐ Moderate (Medium) ☐ Substantial (High)
- b. At what extent this activity helps to identify, formulate and complex engineering problems?
- ☐ Not Applicable ☐ Slight(Low) ☐ Moderate (Medium) ☒ Substantial (High)
- c. At what extent this activity helps to design and conduct experiments, as well as to analyze and interpret data?
- ☐ Not Applicable ☐ Slight(Low) ☒ Moderate (Medium) ☐ Substantial (High)
- d. What is the opinion about the techniques, skills and modern engineering & computational tools necessary for engineering practices are addressed?
- ☐ Not Applicable ☐ Slight(Low) ☐ Moderate (Medium) ☒ Substantial (High)
- e. Whether this activity is useful in integrating engineering and society?
- ☐ Not Applicable ☐ Slight(Low) ☐ Moderate (Medium) ☒ Substantial (High)
- f. Whether this activity demonstrates the knowledge and need for environmental issues for sustainable development?
- ☐ Not Applicable ☐ Slight(Low) ☒ Moderate (Medium) ☐ Substantial (High)
- g. Do the norms of ethical practices are addressed by this activity?
- ☐ Not Applicable ☒ Slight(Low) ☐ Moderate (Medium) ☐ Substantial (High)
- h. Whether this activity is useful in building team?
- ☐ Not Applicable ☐ Slight(Low) ☒ Moderate (Medium) ☐ Substantial (High)
- i. Whether this activity demonstrated to develop communication skill?
- ☒ Not Applicable ☐ Slight(Low) ☐ Moderate (Medium) ☐ Substantial (High)
- j. Do you feel that the understanding of this activity helps to manage projects?
- ☐ Not Applicable ☐ Slight(Low) ☐ Moderate (Medium) ☒ Substantial (High)
- k. Whether it enabled and had recognized the need for lifelong learning?
- ☐ Not Applicable ☐ Slight(Low) ☐ Moderate (Medium) ☒ Substantial (High)



29/08/16

True Copy Attest

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



Department of Civil Engineering

Session : 2016-17

Feedback Form

Topic: One Day Workshop on Demonstration on Tilting Flume Apparatus (Calculation of Hydraulic Jump)

Date: 20 Aug 2016

a. At what this Guest Lecture /Workshop helps in applying knowledge of mathematics, science and engineering fundamentals?

☐ Not Applicable ☐ Slight(Low) ☒ Moderate (Medium) ☐ Substantial (High)

b. At what extent this activity helps to identify, formulate and complex engineering problems?

☐ Not Applicable ☐ Slight(Low) ☐ Moderate (Medium) ☒ Substantial (High)

c. At what extent this activity helps to design and conduct experiments, as well as to analyze and interpret data?

☐ Not Applicable ☐ Slight(Low) ☒ Moderate (Medium) ☐ Substantial (High)

d. What is the opinion about the techniques, skills and modern engineering & computational tools necessary for engineering practices are addressed?

☐ Not Applicable ☐ Slight(Low) ☐ Moderate (Medium) ☒ Substantial (High)

e. Whether this activity is useful in integrating engineering and society?

☐ Not Applicable ☐ Slight(Low) ☐ Moderate (Medium) ☒ Substantial (High)

f. Whether this activity demonstrates the knowledge and need for environmental issues for sustainable development?

☐ Not Applicable ☐ Slight(Low) ☒ Moderate (Medium) ☐ Substantial (High)

g. Do the norms of ethical practices are addressed by this activity?

☐ Not Applicable ☐ Slight(Low) ☐ Moderate (Medium) ☒ Substantial (High)

h. Whether this activity is useful in building team?

☐ Not Applicable ☐ Slight(Low) ☒ Moderate (Medium) ☐ Substantial (High)

i. Whether this activity demonstrated to develop communication skill?

☐ Not Applicable ☐ Slight(Low) ☐ Moderate (Medium) ☒ Substantial (High)

j. Do you feel that the understanding of this activity helps to manage projects?

☐ Not Applicable ☐ Slight(Low) ☐ Moderate (Medium) ☒ Substantial (High)

k. Whether it enabled and had recognized the need for lifelong learning?

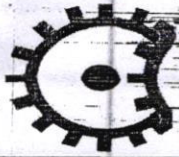
☐ Not Applicable ☒ Slight(Low) ☐ Moderate (Medium) ☐ Substantial (High)



Dr. D. W. Patil
20/08/16

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



Tulsi Ramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441108

Department of Civil Engineering

Session: 2016-17

One Day Workshop on Demonstration on Tilting Flume Apparatus
(Calculation of Hydraulic Jump)

Attendance Sheet

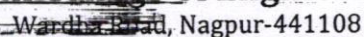
SR. NO.	Name of Participants	Designation	Signature of Participants
			20-08-2016
01	Sonjay K. Bhadke	Asst. Prof. & HOD	
02	Priti P. Kakde	Asst. Prof.	
03	Geeta Padole	Asst. Professor	
04	Milind Mangrulkar	Asst. Prof.	
05	Sameer Khan		
06	Buyanka Kamble	Asst. Prof.	
07	Amy. B. Khedkar	Asst. Prof.	
08	Pallavi Gadage	Asst. Prof.	
09	Aditya Sonwane	Asst. Prof.	
10	Sameer Anand	Asst. Prof.	
11	Songle Deetil	Asst. Prof.	
12	Rashmi Bunde		
13)	Dipak Royas		
14)	Prayakta Hormakar	Asst. Prof.	
15)	Mamish chudhare	Asst. Prof.	
16	Rashmi Bunde	Asst. Prof.	



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Principal

TULSI RAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Vidarbha Bahu-uddeshiya Shikshan Sanstha's

TULSIRAMJI GAIKWAD-PATIL

College of Engineering & Technology

Mohgaon, Wardha Road, Nagpur - 441 108 Tel: 07103-645410 Mob: 09922966173

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

E-mail: principal@tgpceet.com Website: www.tgpceet.com

An ISO 9001:2008 Certified Institution



GAIKWAD-PATIL
GROUP OF INSTITUTIONS

Gaikwad-Patil Group of Institutions

Gayatri Nagar, Wardha Road, Nagpur - 441 108

Tel: 07103-645410 Mob: 09922966173

E-mail: principal@tgpceet.com Website: www.tgpceet.com

Fax: 07103-645410

E-mail: vidarbhubahuvishikshan@gmail.com

Date: 20/08/2016

LETTER OF THANKS

To,
Mr. Karan Singh,
Structural Engineer,
D. P. Jain Infrastructure,
Pvt. Ltd Nagpur

Respected Sir,

It was pleasure to have you with us, on 20/08/2016 for giving guidance and enlighten to our students. Thank you for being with us and sparing your valuable time. No doubt this will help everyone in improving their knowledge.

This would not have been possible without your extreme support. We look forward for your co-operation in future also.

With Regards

HOD, Civil Engineering Dept.

TGPCET, Nagpur

H.O.D.

Department of Civil Engineering

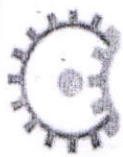
T.G.P.C.E.T. Nagpur



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Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Vidarbha Bahu-uddeshiya Shikshan Sanstha's

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GROUP

Gaikwad-Patil Group
Gayatri Nagar, Wardha
Nagpur - 441 108
Tel: 07103-645410
Fax: 07103-645411
E-mail: vidarbhabahusikshan@gmail.com

Date: 16/08/2016

To,
Mr. Karan Singh,
Structural Engineer,
D. P. Jain Infrastructure,
Pvt. Ltd Nagpur

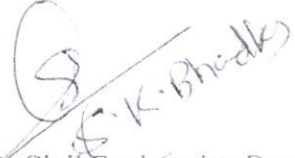
Subject: -Invitationas a Expert for One Day Workshop on Demonstration on Tilting Flume Apparatus (Calculation of Hydraulic Jump)

Respected Sir,

On the behalf of Civil Engineering Department,TulsiramjiGaikwad- Patil College of Engineering& Technology, Nagpur (TGPCET).We are pleased to invite you as an Expert for One Day Workshop on Demonstration on Tilting Flume Apparatus (Calculation of Hydraulic Jump).The Schedule of Program is from 20 Aug 2016at TulsiramjiGaikwadPatil College of Engineering & Technology, Wardha Road, Nagpur.

Please Do Find a day out of your busy schedule and convey us your acceptance and oblige.

Thanking You !


HOD, Civil Engineering Dept.

TGPCET, Nagpur

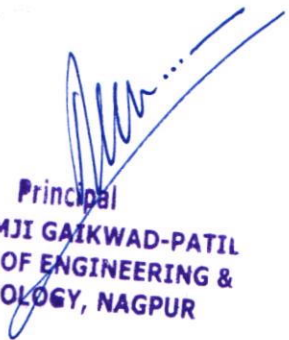
HOD

Department of Civil Engineering
Tulsiramji Gaikwad-Patil College of Engineering & Technology, Nagpur



Received
Karan
20/8/16

True Copy Attest


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

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

Wardha Road, Nagpur-441108

Department of Civil Engineering

Session: 2016-17**Report on****One Day Workshop On Demonstration On Tilting Flume Apparatus.****Name of Event:** One Day Workshop on Demonstration On Tilting Flume Apparatus.**Date of Event:** 20-08-2016**Event Coordinator:** Prof. Sonali Patil**Introduction:**

Department of civil engineering organized One Day Workshop on Demonstration On Tilting Flume Apparatus under Institution of Engineers(India) banner. The Tilting flume is design to conduct various experiments at various bed slopes from an up-stream & Downstream.

This workshop is conducted for today's M-tech Scholars and faculty members where participated in the workshop.

Aim:

The purpose of this course is to help students and faculty members to design & conduct various experiments at various bed slopes from an up-stream & Downstream.

Objective:

1. To study flow through open channel.
2. To study hydraulic jump.
3. To study flow over weirs.
4. To Study flow through venture-flume.
5. To find out chezy's & manning's constant.
6. Study of flow through standing wave flume.
7. To draw velocity profile curve in open channel.

Event Details:

Mr. Karan Singh conducted the session and explains about Tilting Flume Apparatus application in civil engineering. Design & conduct various experiments at various bed slopes from an up-



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Wardha Road, Nagpur-441108

Department of Civil Engineering

stream & Downstream. The study flow through open channel & to draw velocity profile curve in open channel.

Outcomes:

1. The flume has Perspex window to visualize the flow over models fixed in flume.
2. The flume is provided with gates on upstream & downstream side to control the flow.
3. To dissipate the energy of water flowing over the hydraulic structure & prevent the scouring of downstream structure.

Attainment of PO:

PO 1.Engineering knowledge
PO 2.Problem analysis
PO 3.Design/Development of Solutions
PO 5. Modern Tool usage
PO 6.The Engineer And Society
PO 9.Individual and teamwork
PO 11.Project Management and Finance
PO 12.Life-long learning

Conclusion:

The course provided in Tilting Flume Apparatus provides with a basic working knowledge of design to conduct various experiments at various bed slopes from an up-stream & Downstream.



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Department of Civil Engineering

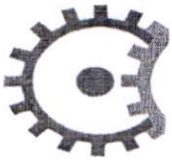
Glimpses of Event:



One Day Workshop on Demonstration On Tilting Flume Apparatus.

Acknowledgement:

On behalf of Civil Engineering department we sincerely thanks to Mr. Karan Singh for accepting our invitation for expert speaker and conducting One Day Workshop on Tilting Flume Apparatus.



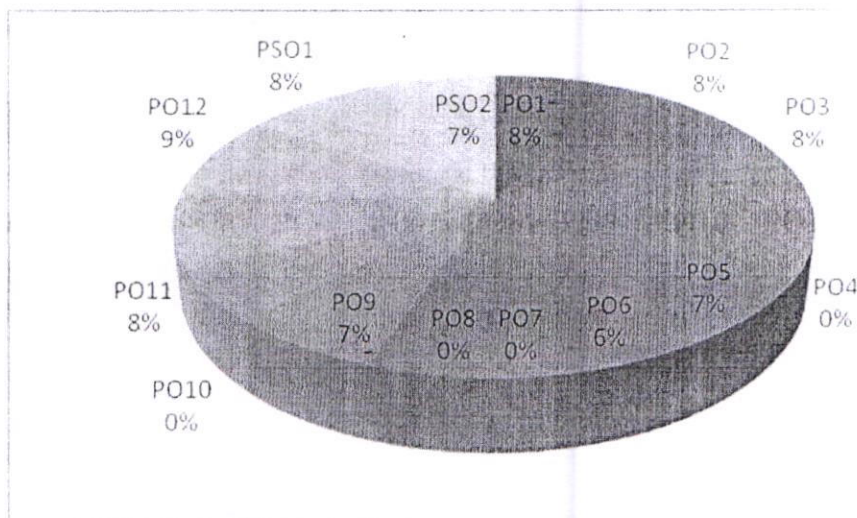
Tulsi Ramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441108

Department of Civil Engineering

PO Attainment:

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
2.8	2.8	2.7	0	2.4	2.1	0	0	2.2	0	2.7	3.0	2.7	2.5



Event In charge

Assistant Professor
Department of Civil Engineering
T.G.P.C.E.T. Nagpur.

HOD (Civil Engg. Dept.)

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



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Principal
TULSI RAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR

**Session: 2016-17****Report on****One day workshop on Advancement in Material Testing Laboratory****Name of Event:** One Day Workshop on Advancement in Material Testing Laboratory.**Date of Event:** 04-02-2017**Event Coordinator:** Prof. Sanjay Bhadke**Introduction:**

Department of civil engineering organized one day workshop on Advancement in Material Testing in civil engineering under Institute of Engineer's (India) banner. Civil Engineering Testing Equipment is used in quality control processes associated with the analysis of soil, concrete, asphalt, bitumen, cement & Mortar, Steel, Aggregates and others materials used in civil Engineering.

Aim:

The purpose of this course is to help student and faculty members to understand Construction Material Testing.

Objective:

1. To give a broad understanding of common materials related to civil engineering with an emphasis on the fundamental of the structure property application relationship.
2. To demonstrate the basic Principle in the area of strength and mechanics of materials.
3. Ability to apply knowledge of mathematics and engineering in calculating the mechanical properties of structural materials.
4. Ability to use the techniques, skills and modern engineering tools necessary for engineering.
5. Understanding of professional and ethical responsibility in the area of material testing.

**True Copy Attest**

[Signature]
Principal
TULSI RAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Department of Civil Engineering

Event Details:

Mr. Manish Bawankude conducted the session and explains about advancement in material testing laboratory in civil engineering. Civil Engineering Testing Equipment is used in quality control processes associated with the analysis of soil, concrete, asphalt, bitumen, cement & Mortar, Steel, Aggregates and others materials used in civil Engineering, Ability to communicate effectively the mechanical properties of materials.

Outcomes:

- 1.Reproduce the basic knowledge of mathematics and engineering in finding the strength in tension, compression, shear & Torsion.
2. Identify Formulate and solve engineering problems of structural elements subjected to flexure.
3. Evaluate the impact of engineering solutions on the society and also will be aware of contemporary issues regarding failure of structure due to unsuitable materials.

Attainment of PO:

- PO 1. Engineering knowledge
- PO 2. Problem analysis
- PO 3. Design/Development of Solutions
- PO 6.The Engineer And Society
- PO 7. Environmental and Sustainability
- PO 9. Individual and team work
- PO 10.Communications
- PO 11. Project Management and Finance
- PO 12. Life-long learning

Conclusion:

The course provided in Advancement in material testing laboratory provides with a basic working knowledge of quality control processes associated with the analysis of soil, concrete,



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Wardha Road, Nagpur-441108

NAAC Accredited

Department of Civil Engineering

asphalt, bitumen, cement & Mortar, Steel, Aggregates and others materials used in civil Engineering, Ability to communicate effectively the mechanical properties of materials.

Glimpses of Event:



One day workshop on Advancement in Material Testing Laboratory



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441108

NAAC Accredited

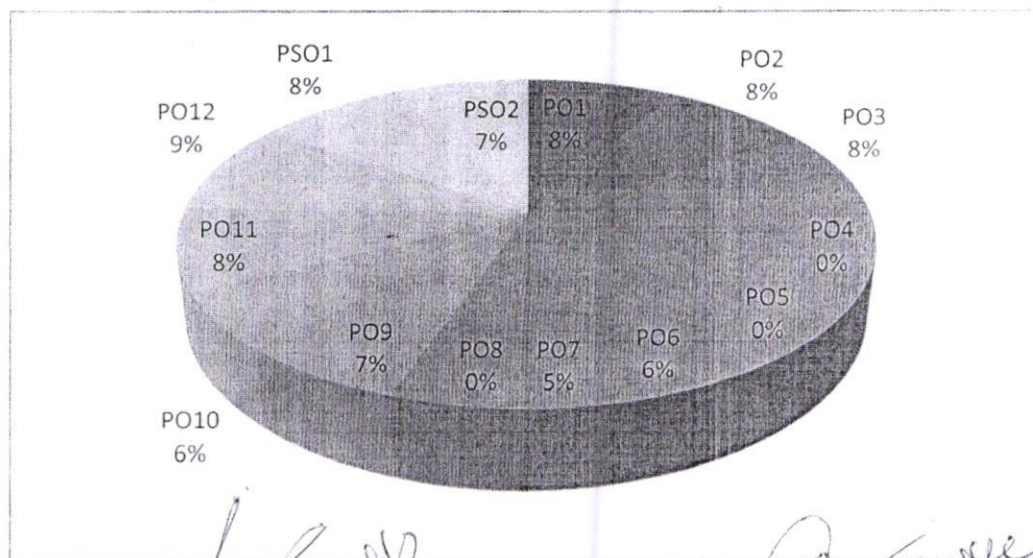
Department of Civil Engineering

Acknowledgement:

On behalf of Civil Engineering department we sincerely thanks to Mr. Manish Bawankude for accepting our invitation for expert speaker and conducting one day workshop on advancement in material testing laboratory.

PO Attainment:

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
2.8	2.8	2.7	0	0	2.1	1.5	0	2.2	1.9	2.7	3.0	2.7	2.5



Event In charge

Assistant Professor
Department of Civil Engineering
T.G.P.C.E.T. Nagpur.

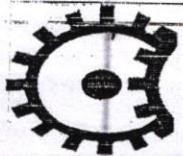
HOD (Civil Engg. Dept.)

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



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



Session: 2016-17

Report on

Two Days Workshop on Software Application in Civil Engineering

Name of Event: Two Days Workshop on Software Application in Civil Engineering

Date of Event: 18-03-2016 To 19-03-2016

Event Coordinator: Prof. Sonali Patil

Introduction:

Department of civil engineering organized Two Days Workshop on Software Application in Civil Engineering under Institution of Engineers(India) banner. The trend to implement software program into the civil engineering industry began as educational concerns for the future. Civil Engineers Design , Construct, Supervise, Operate and maintained large construction projects and system including road, building, air-ports , tunnels, dams, bridges and system for water supply and sewage treatment with the help of software application.

Aim:

The purpose of this course is to help students and faculty members to Design, Construct, Supervise, Operate and maintained large construction projects and system including road, building, air-ports, tunnels, dams, bridges and system for water supply and sewage treatment with the help of software application.

Objective:

1. Achieve Excellence in Engineering Decision making and design.
2. Attain Leadership Careers in engineering practice.
3. To give complete graduate professional engineering education.
4. Pursue advanced study and research in engineering and engage in diverse alternate career choices.

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

Wardha Road, Nagpur-441108

Department of Civil Engineering**Event Details:**

Mr. Garvit Dwivedi conducted the session and explains about Software application in civil engineering. Understanding of engineering fundamentals and their application to the solution of problems, Design, Construct, Supervise, Operate and maintained large construction projects and system including road, building, air-ports, tunnels, dams, bridges and system for water supply and sewage treatment with the help of software application.

Outcomes:

1. Basic Knowledge and understanding of the analysis & Design of complex system.
2. Understand the concept of various components to design stable structure.
3. Determine and analysis the structure of given materials.

Attainment of PO:

- PO 1. Engineering knowledge
- PO 2. Problem analysis
- PO 3. Design/Development of Solutions
- PO 4. Conduct Investigations of complex Problems
- PO 5. Modern Tool usage
- PO 6. The Engineer And Society
- PO 7. Environmental and Sustainability
- PO 8. Ethics
- PO 9. Individual and team work
- PO 10. Communications
- PO 11. Project Management and Finance
- PO 12. Life-long learning

Conclusion:

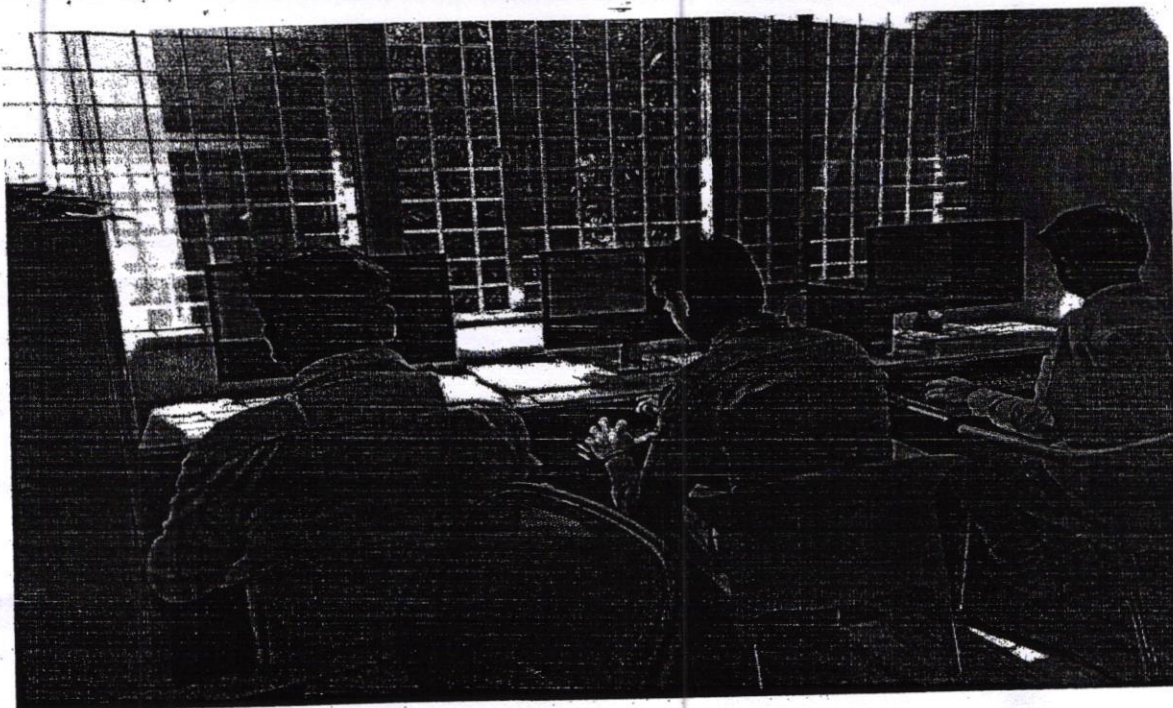
The course provided in Software Application provides with a basic working knowledge to Operate and maintained large construction projects and system including road, building, air-ports tunnels, dams, bridges and system for water supply and sewage treatment with the help of Ssoftware application



Tulsiramji Gaikwad-Patil College of Engineering and Technology
Wardha Road, Nagpur-441108

Department of Civil Engineering

Glimpses of Event:



Two Days Workshop on Software Application in Civil Engineering

Acknowledgement:

On behalf of Civil Engineering department, we sincerely thanks to Mr. Garvit Dwivedi for accepting our invitation for expert speaker and conducting two days' workshop on Software Application in Civil Engineering.

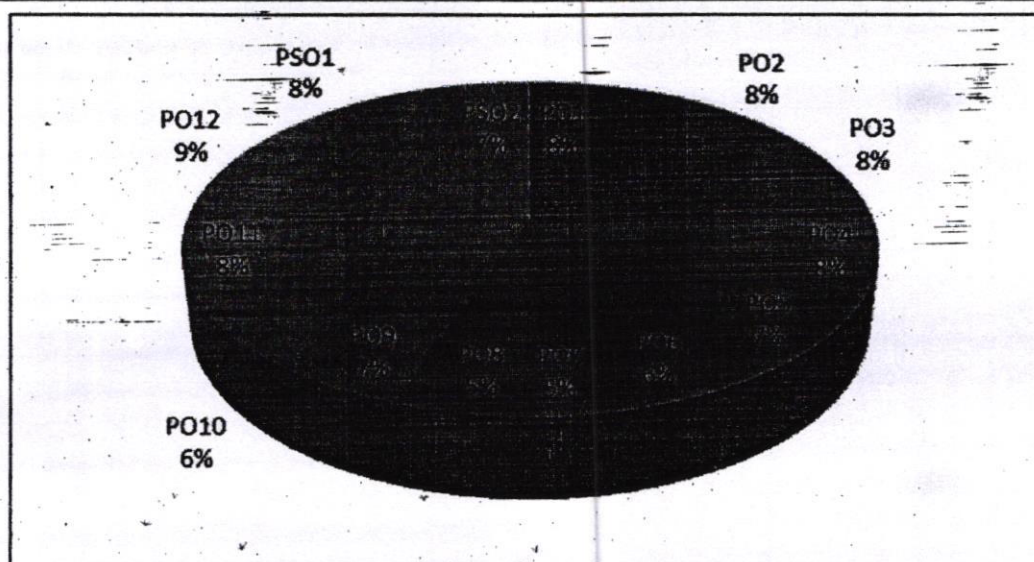


Tulsi Ramji Gaikwad-Patil College of Engineering and Technology
Wardha Road, Nagpur-441108

Department of Civil Engineering

PO Attainment:

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
2.8	2.8	2.7	2.6	2.4	2.1	1.5	1.7	2.2	1.9	2.7	3.0	2.7	2.5



Event In charge

HOD (Civil Engg. Dept.)

HOD.
Department of Civil Engineering
T.G.P.C.E.T. Nagpur.



True Copy Attest

Principal

**TULSI RAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR**



The Institution
of Engineers (India) &
Nagpur Local Centre.



TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology

Wardha Road, Nagpur, India - 441 108

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

ISO 9001:2008 Certified Institutions

Department of Civil Engineering

Organizes

Two Day Workshop on

"Software Application in Civil Engineering"

18th to 19th March 2016

Certificate

This is to certify that Mr/Ms. Priyanka Kamble
of T. G. P. C. E. T., Nagpur. has participated
in two day "Software Application in Civil Engineering" held on 18th to 19th March
2016 organised in Association with Institution of Engineers (India) and Department
of Civil Engineering, TGPCET, Nagpur.

We appreciate his /her enthusiasm and wish him/her all the best for future.



Mr. Amey Khadikar
Convener

True Copy Atteste

Mr. Sanjay Bhadke
HoD Civil

Dr. G. K. Awari
Principal

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

Department of Civil Engineering

PROPOSAL FOR SELF SPONSORED ONE WEEK STTP

On

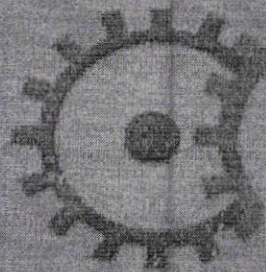
Industry Oriented CNC & Robotics Technology

Submitted by

Dr. G. K. Awari

Principal, TGPCET

Course Coordinator



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

Wardha Road, Nagpur-441108



True Copy Atteste

Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR

Head

Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR.

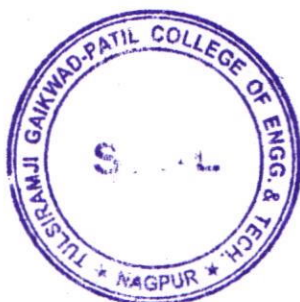


Department of Mechanical Engineering

Date: 23/06/2016**NOTICE**

All the participants and students from Mechanical Engineering are hereby informed that Department of Mechanical Engineering, in technical collaboration with KEC international training centre, Buttibori organising one week ISTE approved self sponsored all India Workshop on "Industry oriented CNC and Robotics Technology" from 28/06/2016 to 02/07/2016 .So all are requested to remain present for the inaugural function on 28/06/2016 JRD TATA Hall (TGPCET, Nagpur) at 10.00 a.m

Head
Department **HOD (Mech. Dept)**
Tulsi Ramji Gaikwad Patil College of
Engineering & Technology, NAGPUR.



True Copy Attest.

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



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

Department of Mechanical Engineering

To,
The Principal,
TGPCET, Nagpur

Date: 26/06/2016

Subject:-For providing the College Bus for the Transportation Facility of Participants coming to attend one week all India Workshop on "Industry oriented CNC and Robotics Technology" from **28/06/2016 to 02/07/2016**

Respected Sir,

Department of Mechanical Engineering, in technical collaboration with KEC international training centre, Buttibori organising one week ISTE approved self sponsored all India Workshop on "Industry oriented CNC and Robotics Technology" from **28/06/2016 to 02/07/2016**.

.With respect to above subject we are in the need of College bus for the Transportation Facility of Participants from Buldi, Chatrapati square to TGPCET, Nagpur

Thanking You.

HOD, Mechanical Engineering

Department of Mechanical Engineering
TGPCET, Nagpur
Tulsiramji Gaikwad-Patil College of Engineering & Technology, Nagpur

Cc to (Transport Officer)



True Copy Atteste

Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

Department of Mechanical Engineering

To,
Dr.M.V.Aware
V.N.I.T
Nagpur

Date: 25/06/2016

Subject: Invitation for the august presence on 28/06/2016 for the Inauguration of one week ISTE approved self sponsored all India Workshop on "Industry oriented CNC and Robotics Technology" from 28/06/2016 to 02/07/2016. "

Respected Sir,

Warm Regards from Tulsiramji-Gaikwad Patil College of Engineering and Technology (TGPCET).

TGPCET is one of the most promising and upcoming Engineering Institutions in Vidarbha region. The college is a part of Gaikwad-Patil Group of Institutions which caters to cultivating students in various fields such as Engineering, Architecture, Pharmacy, Education, etc. It comes under the umbrella of Rashtrasant Tukdoji Maharaj Nagpur University and is affiliated to AICTE.

As a professional education institute involved in producing engineers, it is imperative for us that our students are industry relevant and ready. As such we feel the urge for high amount of student interaction with the industrial setup. Hence, we encourage our students to maximize their industry interaction in ways such as industrial visits, projects & Expert lectures. This helps them to get practical experience of theoretical knowledge that they acquire in their curriculum.

In our regular Mechanical Engineering Department student's "ROBUST- Forum & IEI Activity" we arrange the lectures of the Experts from the field so as to bridge the gap between theory and practical.

We are glad to inform that the Department of Mechanical Engineering, in technical collaboration with KEC international training centre, Buttibori organising one week ISTE approved self sponsored all India Workshop on "Industry oriented CNC and Robotics Technology" from 28/06/2016 to 02/07/2016.

The students of Diploma & Degree in Mechanical Engineering are expected to attend this workshop. In this workshop you are invited to grace the occasion by your presence during the Inaugural Function of the all India Workshop on "Industry oriented CNC and Robotics Technology" on 28/06/2016 at JRD TATA Hall (TGPCET, Nagpur). We also hope that this can be a beginning of a long lasting, professionally satisfying and mutually beneficial relationship between our organizations.

Regards and Best wishes

HOD,
Mechanical Engg. Dept.
Tulsiramji Gaikwad-Patil College of
Engineering & Technology, NAGPUR.

Dr. G. K. Awari
Principal

True Copy Attested

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



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

Department of Mechanical Engineering

To,
Mr. Amol Khichade
KEC International Ltd.
Buttibori, Nagpur

Date: 25/06/2016

Subject: Invitation for the august presence on 28/06/2016 for the Inauguration of one week ISTE approved self sponsored all India Workshop on "Industry oriented CNC and Robotics Technology" from **28/06/2016 to 02/07/2016.** "

Respected Sir,

Warm Regards from Tulsiramji-Gaikwad Patil College of Engineering and Technology (TGPCET).

TGPCET is one of the most promising and upcoming Engineering Institutions in Vidarbha region. The college is a part of Gaikwad-Patil Group of Institutions which caters to cultivating students in various fields such as Engineering, Architecture, Pharmacy, Education, etc. It comes under the umbrella of Rashtrasant Tukdoji Maharaj Nagpur University and is affiliated to AICTE.

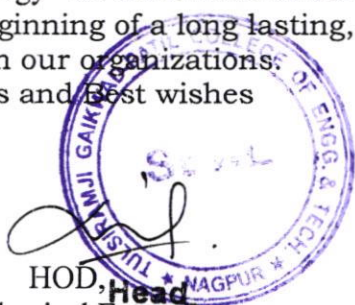
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Regards and Best wishes



HOD, Head

Department of Mechanical Engineering,
Tulsiramji Gaikwad Patil College of Engineering & Technology, NAGPUR

True Copy Attest

Dr. G. K. Awari
Principal

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



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

Department of Mechanical Engineering

Date: 29/06/2016

To,
Mr. Amol Khichade
KEC International Ltd.
Buttibori, Nagpur

Subject: Gratitude for being a Guest Speaker in one week workshop on "**Industry Oriented CNC and Robotics Technology**" on 29 June 2016

Respected sir,

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With warm regards,

Head (Mech. Dept)
Department of Mechanical Engineering
Tulsiramji Gaikwad-Patil College of
Engineering & Technology, NAGPUR.



True Copy Attest

Principal
TULSI RAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

Department of Mechanical Engineering

Date: 25/06/2016

To,
Dr. Jayant Giri
YCCE, Wanadongri
Nagpur

Subject: Invitation for the august presence on 28/06/2016 for the Inauguration of one week ISTE approved self sponsored all India Workshop on "Industry oriented CNC and Robotics Technology" from 28/06/2016 to 02/07/2016. "

Respected Sir,

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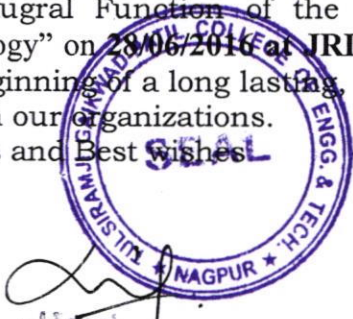
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Regards and Best wishes



HOD,
Mechanical Engg. Dept.

Department of Mechanical Engineering
Tulsiramji Gaikwad-Patil College of
Engineering & Technology, Nagpur

True Copy Attest


Dr. G. K. Awari
Principal

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



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

Department of Mechanical Engineering

Date: 28/06/2016

To,
Dr. Jayant Giri
Y.C.C.E, Wanadongri
Nagpur

Subject: Gratitude for being a Keynote Speaker in one week workshop on "**Industry Oriented CNC and Robotics Technology**" on 28 June 2016

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With warm regards,

Head
HoD (Mech. Dept)
Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR.



True Copy Atteste

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



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

Department of Mechanical Engineering

To,
Mr. Prashant Sengru
General Manager
M/s Indorama synthetic Ltd, Nagpur

Date: 25/06/2016

Subject: Invitation for the august presence on 28/06/2016 for the Inauguration of one week ISTE approved self sponsored all India Workshop on "Industry oriented CNC and Robotics Technology" from **28/06/2016 to 02/07/2016.** "

Respected Sir,

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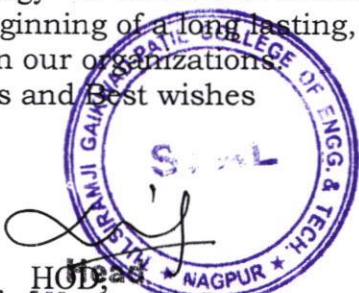
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Regards and Best wishes



HOD

Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of Engineering & Technology, Nagpur

Dr. G. K. Awar
Principal

Principal

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

True Copy Attest



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

Department of Mechanical Engineering

Date: 28/06/2016

To,
Mr. Prashant Sengru
General Manager
M/S Indorama Synthetic Ltd.
Nagpur

Subject: Gratitude for being a Guest of Honor in one week workshop on "**Industry Oriented CNC and Robotics Technology**" on 28 June 2016

Respected sir,

We take privilege to articulate our sincere thanks towards you for being a Guest of Honor of one week workshop on "**Industry Oriented CNC and Robotics Technology**" on 28 June 2016.

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With warm regards,

Head
HoD(Mech.Dept)

Department of Mechanical Engineering,
Tulsiramji Gaikwad-Patil College of
Engineering & Technology, NAGPUR.



Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR

True Copy Attested



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

Department of Mechanical Engineering

Date: 28/06/2016

To,
Dr.M.V.Aware
V.N.I.T.
Nagpur

Subject: Gratitude for being a Keynote Speaker in one week workshop on "**Industry Oriented CNC and Robotics Technology**" on 28 June 2016

Respected sir,

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With warm regards,

Head (Mech. Dept)

**Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR**



Principal

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

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Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

Department of Mechanical Engineering

Attendance Sheet of ONE WEEK STTP/ WORKSHOP on Industry oriented CNC and Robotics Technology from 28 June 2016 to 02/07/2016

Sr.No	Name of Faculty	Department	28/06/2016	29/06/2016	30/06/2016	01/07/2016	02/07/2016
1	Ms. Neha Mogre	CSE	Ms	Ms	Ms	Ms	Ms
2	Mr. Anup Gade	IT	Anude	Anude	Anude	Anude	Anude
3	Mr. Jayant Rohankar	IT	JR	JR	JR	JR	JR
4	Mr. Dhiraj Balsaraf	Mech	Dhiraj	Dhiraj	Dhiraj	Dhiraj	Dhiraj
5	Mr. Chetan Jambhulkar	EE	Ch	Ch	Ch	Ch	Ch
6	Mr. Pratik Gutke	EE	Prutke	Prutke	Prutke	Prutke	Prutke
7	Mr. Sandip Barkamkar	Mech	SB	SB	SB	SB	SB
8	Mr. Rahul Khobragade	Mech	R.Khob	R.Khob	R.Khob	R.Khob	R.Khob
9	Mr. Radhraman Saha	EE	Saha	Saha	Saha	Saha	Saha
10	Ms. Nagma Sheikh	ECE	N. Sheikh	N. Sheikh	N. Sheikh	N. Sheikh	N. Sheikh
11	Mr. Amey Khedikar	Civil	Amey	Amey	Amey	Amey	Amey
12	Mr. Shubham Khorgade	Mech	Sh	Sh	Sh	Sh	Sh
13	Mr. Yogesh Meghare	Mech	YM	YM	YM	YM	YM
14	Mr. Neeraj Wayzode	Mech	NW	NW	NW	NW	NW
15	Mr. A.C. Fulzele	Mech	AF	AF	AF	AF	AF
16	Mr. Jivan Dehankar	CSE	JDeh	JDeh	JDeh	JDeh	JDeh
17	Ms. Rashmi Bhatt	CSE	R.Bhatt	R.Bhatt	R.Bhatt	R.Bhatt	R.Bhatt
18	Ms. Nikita Malewar	EE	N.Malewar	N.Malewar	N.Malewar	N.Malewar	N.Malewar
19	Ms. Snehal Paliwal	ECE	Spali	Spali	Spali	Spali	Spali
20	Ms. Sandip Thakre	ECE	Thakre	Thakre	Thakre	Thakre	Thakre
21	Ms. Roshni Talmale	CSE	R.Talmale	R.Talmale	R.Talmale	R.Talmale	R.Talmale
22	Mr. Sanjay Bhadke	Civil	S.Bhadke	S.Bhadke	S.Bhadke	S.Bhadke	S.Bhadke
23	Mr. Vishwjeet Ambade	Mech	VA	VA	VA	VA	VA
24	Mr. Nitin Kakde	Mech	N.Kakde	N.Kakde	N.Kakde	N.Kakde	N.Kakde
25	Mrs. Shubhangi Gondane	Mech	SG	SG	SG	SG	SG
26	Mr. Vijay Talodhikar	Mech	V.Tal	V.Tal	V.Tal	V.Tal	V.Tal
27	Mr. H.V. Mahawadiwar	Mech	H.V.	H.V.	H.V.	H.V.	H.V.
	Mr. Ritesh Banpurkar	Mech	R.Banpurkar	R.Banpurkar	R.Banpurkar	R.Banpurkar	R.Banpurkar



Department of ME

True Copy Attest

Department of Mechanical Engineering
Tulsiramji Gaikwad-Patil College of Engineering & Technology
Wardha Road, Nagpur-441 108



Department of Mechanical Engineering

Date: - 02/07/2016

Report

Workshop: one week ISTE approved self sponsored all India Workshop on “Industry oriented CNC and Robotics Technology”

Introduction: The department of Mechanical Engineering has organized a “one week ISTE approved self sponsored all India Workshop on “Industry oriented CNC and Robotics Technology. Mr. Amol Khichade, (KEC International Ltd, Nagpur) was Guest Speaker for the workshop. Mr. Prashant Sengru (General manager, M/s Indorama Synthetic Ltd.Nagpur), Guest of Honour. And Dr.Jayant Giri (YCCE Nagpur), Dr.M.V.Aware (VNIT, Nagpur), was the keynote speaker for the workshop.

Aim: To understand the Industry oriented CNC and Robotics Technology.

Objective: 1) To aware the participants from institutes, industries and academicians about advancement in the Industry oriented CNC and Robotics Technology

2) To know about scope of advancement the Industry oriented CNC and Robotics Technology

Lecture Details:

Mr. Amol Khichade, (KEC International Ltd, Nagpur). Mr. Prashant Sengru (General manager, M/s Indorama Synthetic Ltd.Nagpur) Dr.Jayant Giri (YCCE Nagpur) Dr.M.V.Aware (VNIT, Nagpur) Dr.Jayant Giri(YCCE Nagpur) , explained in this session about his knowledge in Industry oriented CNC and Robotics Technology. They discussed with participants the Industry oriented CNC and Robotics Technology

Mapping of lecture with 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.
- 8) Ethics.
- 9) Individual and team work.
- 10) Communication
- 11) Project Management and Finance.
- 12) Lifelong learning.



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

Department of Mechanical Engineering

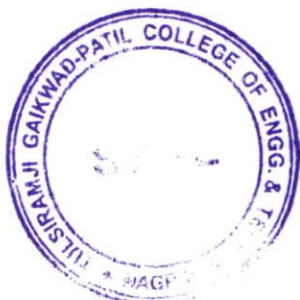
Outcomes of conference: Outcome of this conference is analyzed by the feedback forms based on few questions and answered by students. The analysis report of conference is attached here with. On the basis of feedback form it is observed that participants understood the concept of Industry oriented CNC and Robotics Technology

Conclusion: The conference started with opening remark of head of the department, Mechanical Engineering and Presidential speech was given by the principal, TGPCET, The vote of thanks proposed by Program Coordinator.

Acknowledgement: Mr. Amol Khichade, (KEC International Ltd, Nagpur). Mr. Prashant Sengru (General manager, M/s Indorama Synthetic Ltd. Nagpur) Dr. Jayant Giri (YCCE Nagpur) Dr. M. V. Aware (VNIT, Nagpur) Dr. Jayant Giri (YCCE Nagpur) for accepting our invitation and delivering an informative knowledge on of industry oriented CNC Technology and Programming.

HoD (Mech. Dept)

Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR.



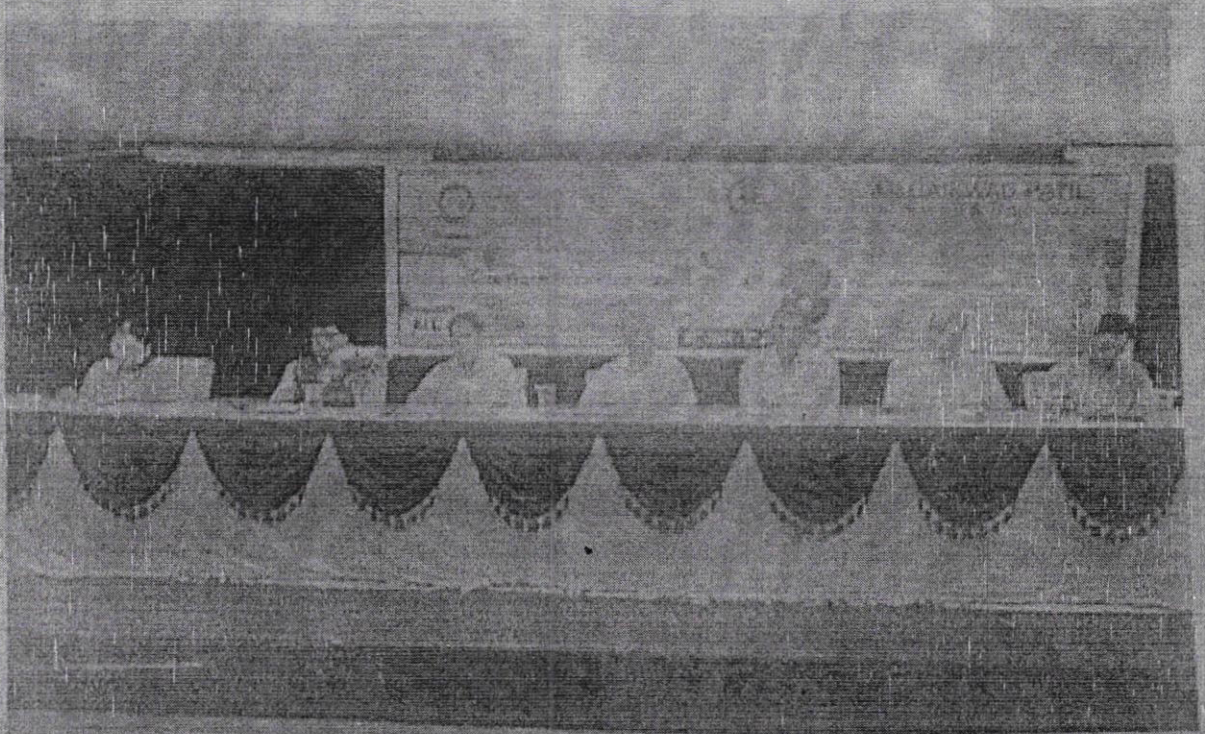
Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR

True Copy Attest

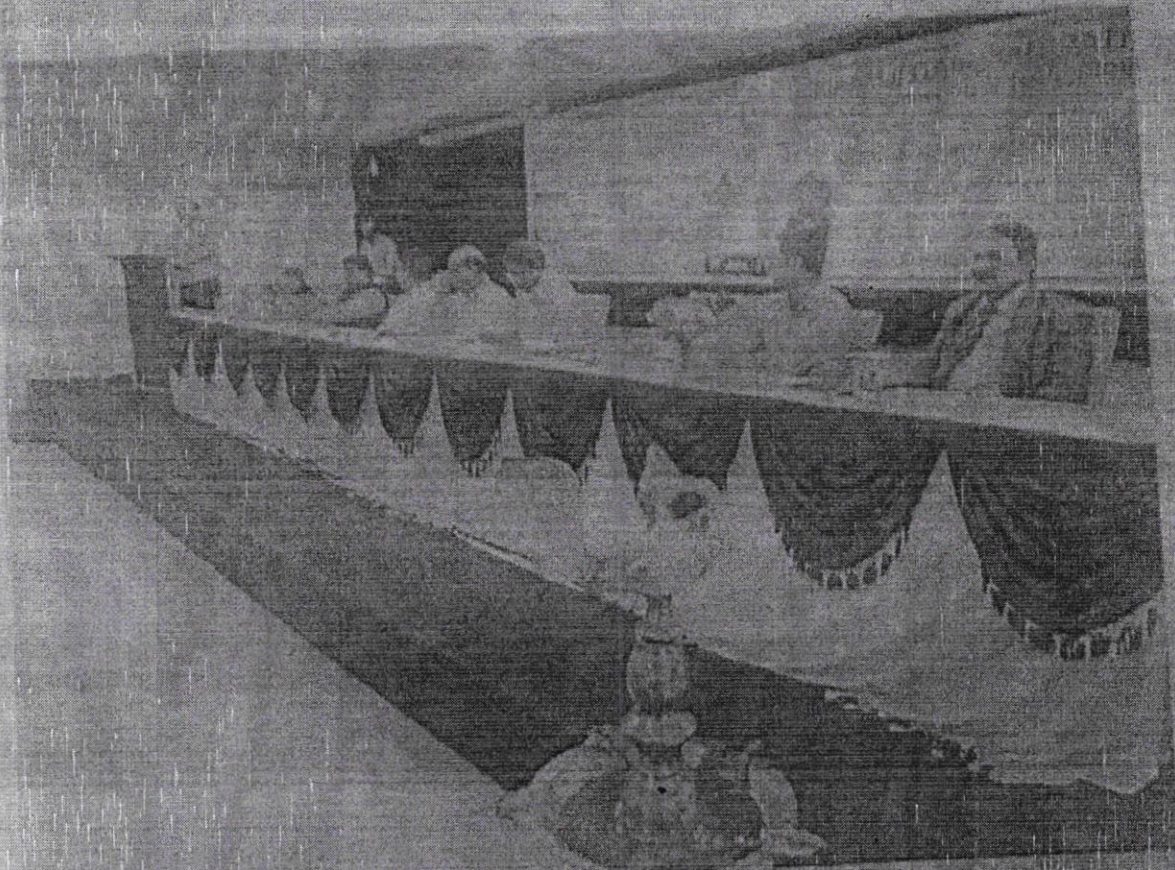
Date: 28th June 2016

Inauguration of One Week Workshop on "Industry Oriented CNC & Robotics Technology" at Tulsiramji Galkwad-Patil College of Engineering and Technology, Nagpur

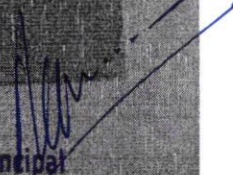


Tulsiaramji Galkwad-Patil College of Engineering and Technology, Nagpur, Department of Mechanical Engineering Inaugurated the One Week Workshop On "Industry Oriented CNC & Robotics Technology" on 28th June 2016.

"One Week Day Workshop on "Industry Oriented CNC & Robotics Technology" was organised in association with the Department of Mechanical Engineering of TGPEET. Over 50 students participated in this event. Dr. M.V. Aware, Professor, VNIT Nagpur was the Chief Guest for the event and Mr. Prashant Sengupta, General Manager, Indorama, Bhatnagar was the Guest of Honor and Mr. Anil Kulkarni Representative of KEC International pvt. Ltd. Bhatnagar. The students were addressed by Prof. Sandeep Galkwad, Treasurer, Galkwad Patil Group of Institution and Dr. G. K. Aware, Hon. Principal, Tulsiaramji Galkwad Patil College of Engineering and Technology. The Chief Guest in his speech addressed the students to make them aware about Industry Oriented CNC & Robotics Technology. Dr. M.V. Aware said that "The knowledge of CNC & Robotics is very much important in today's competitive



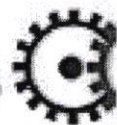
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Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Indian Society for
Technical Education
New Delhi



TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology, Nagpur

Wardha Road, Nagpur - 441 108 An ISO 9001 : 2008 Certified Institution

Approved by AICTE / DTE Govt. of MS & Affiliated to RTM Nagpur University

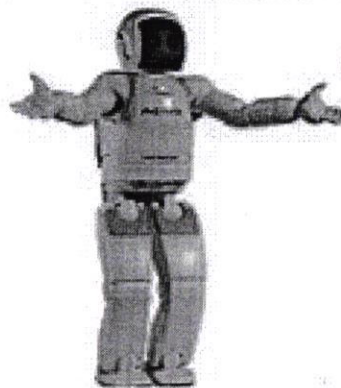
Organized by
Department of Mechanical Engineering

In Technical Collaboration with

KEC

KEC International
Training Centre, Butibori

Certificate



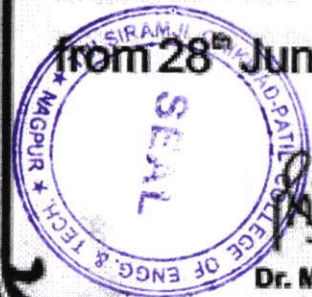
One Week Self Sponsored Workshop
Approved by ISTE, New Delhi on

"Industry Oriented
CNC &
Robotics Technology"

28th June - 2nd July, 2016



This is to certify that Mr./Ms. Vijay Talodhikar
from TGPCET, Nagpur has participated in
One Week Self Sponsored Workshop approved by ISTE, New Delhi on 'Industry Oriented
CNC & Robotics Technology' organized by the department of Mechanical Engineering,
from 28th June - 2nd July 2016.



Dr. Mohan Gaikwad-Patil
Chairman, GPG

True Copy Attested

Signature

Dr. G.K. Awari
Principal, TGPCET

Signature

Prof. S. M. Gondane
HoD (Mechanical Engg.)

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

ELIGIBILITY

Students of Mechanical, Civil Engineering Diploma or Degree Appearing and Passout.

REGISTRATION

₹ 100/- per student. Participation certificate will be provided for all.

HOW TO REGISTER

- 1) Interested participants should send their duly completed registration form through proper channel to Prof. Vidhyadhar Kshirsagar, HOD, Mechanical Engineering, Tulsiramji Gaikwad-Patil College of Engg. & Tech., Warde Road, Nagpur - 441 108 Maharashtra State (INDIA).
- 2) As seats are limited. Confirmation of eligible candidates will be done as per criteria provided by TGPCEI Nagpur.

IMPORTANT DATES

Last date for receipt of application: 23 May 2017
Selection intimation to applicants: 24 May 2017
Last date for receipt of confirmation from the applicants: 24 May 2017

VENUE

JRD TATA HALL
CEI Campus
Warde Road, Nagpur

ADDRESS FOR CORRESPONDENCE

Tulsiramji Gaikwad-Patil
College of Engg. & Tech.
Warde Road, Nagpur
Nagpur, Maharashtra (INDIA)
www.tgpcei.com

EXPERTS

The experts for this Workshop will be drawn from leading academic and research institution and industries committed to innovative concept and practices and who have experience in teaching, research, industrial practice and consultancy. Some of the experts are:

1. _____
2. _____
3. _____

PATRONS

Dr. Mohan Gaikwad-Patil (Chairman, Gaikwad-Patil Group)
Dr. Anjali Patil-Gaikwad (President, GPGI)
Prof. Sandeep Gaikwad (Chairman, GPCED)

CONVENER

Dr. G. K. Awari
Principal, TGPCEI Nagpur

COORDINATOR(S)

Prof. Vidhyadhar Kshirsagar
Mob: 921 2500044

Prof. Anney Khedkar
Mob: 921 2500044

ORGANIZING COMMITTEE

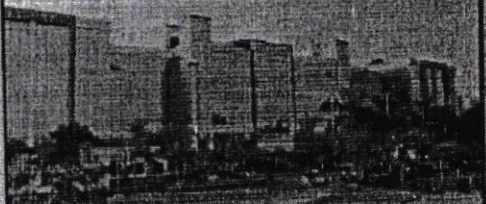
Prof. Nagesh Wajgade Prof. Ashwadeep Lalzele
Prof. Vasant Nagdev Prof. Kanchari Guntane

GAIKWAD-PATIL
GROUP OF INSTITUTIONS

All India Workshop on

3D Printing Technology

26th May 2017



NAAC Accredited

TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology

Warde Road, Nagpur - 441 108

DTE Code: 4151

Department of Mechanical Engineering
& Civil Engineering

E-mail: hod.mechanics@tgpcei.com Website: www.tgpcei.com

Association with

NIRAGH Microsystems

& **ABHA GAIKWAD-PATIL**

College of Engineering & Technology, Nagpur

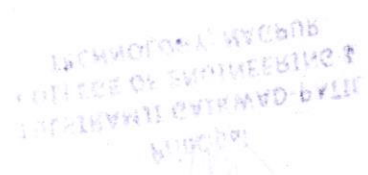
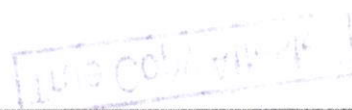


True Copy Atteste

Head

Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR.

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



ABOUT TGPCET

Gaikwad-Patil Group of Institutions (GPGI) provides education in various sectors such as Engineering & Technology, Science, Management and Architecture.

TPGCET is one of the premier upcoming engineering colleges in Central India and recently accredited by NAAC. It has seven under graduate and four diploma courses in engineering, five post graduate courses in engineering in addition to MBA and MCA courses. The college had received research grants from AICTE, ISTE and many other reputed agencies for high quality of research in engineering and technology. It has hosted a series of National and International Conferences.

ABOUT THE DEPARTMENTS

Department of Mechanical Engineering was established in 2011 and a B.E. degree course Mechanical Engineering started with an intake of 60 and further it increases to 120 with the objective of imparting quality education in the field of Mechanical Engineering.

Department of Civil Engineering was established in 2014 with a degree course in Civil Engineering with an intake of 60 students for graduate course & later on intake of 24 students for post graduation in structural engineering and 60 students for Diploma in Civil Engineering.

ABOUT WORKSHOP

3D Printing is an Additive Manufacturing technique that creates a physical object from a virtual 3D CAD model by depositing of material. They work like the traditional inkjet printers, but instead of ink, a 3D printer deposits desired material to manufacture an object from its digital format. 3D printing and rapid prototyping, in general, are widely claimed to have revolutionized not only the manufacturing industry but also many other walks of life like medicine, aerospace and automotive industry. This program on 3D Printing helps the participants understand the design, functioning and operation of a basic 3D Printer.

OBJECTIVE OF THE WORKSHOP

- Learn about the materials, designing of CAD models, working of a 3D Printer Understand how to build and calibrate a 3D printer
- Introductory lecture on 3D printer and Rapid Prototyping

COURSE CONTENT

- Introduction to Rapid prototype
- Introduction to different types of 3D Printers
- Materials used for printing
- Demonstration of 3D Printer assembly
- Testing and calibration of 3D Printer
- Demonstration of 3D Printing

NAAC Accredited

TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGG. & TECH., NAGPUR

Organized by Department of Mechanical Engineering & Civil Engineering

All India Workshop on 3D Printing Technology

26th May 2017

REGISTRATION FORM

1. Name of participant:	
2. Age as on 01/05/2017:	
3. Institution / College:	
4. Address:	
5. Email:	
6. Cell No:	
7. Location:	
8. Branch:	
I undertake to abide by the rules and regulations governing TPGCET, Nagpur and shall attend the course for complete duration.	
1. Sign:	Signature of participant



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

NAAC Accredited

TGPCET/ME

Department of Mechanical Engineering

Date: 23/05/2017

NOTICE

All the participants and students from Mechanical Engineering are hereby informed that Tulsiramji Gaikwad- Patil College of Engineering And Technology organising **All India Workshop on 3D Printing Technology** on 26/05/2017 so all are requested to remain present for the inaugural function at JRD TATA Hall (TGPCET), at 10.00 a.m

HoD (Mech. Dept)
Head

Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR



True Copy Attested

Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR

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

Wardha Road, Nagpur-441 108

NAAC Accredited

Department of Mechanical Engineering

Date: 24-05-2017

To,
The Principal,
TGPCET, Nagpur

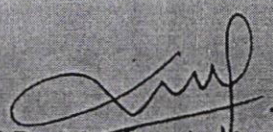
Subject:-For providing the College Bus for the Transportation Facility of Participants coming to attend all India workshop on 3D Printing Technology on 26th May 2017

Respected Sir,

Department of Mechanical Engineering in association with Institution of Engineers (India) is organizing All India Workshop on 3D Printing Technology on 26th May 2017. With respect to above subject we are in the need of College bus for the Transportation Facility of Participants from Buldi at 9 am and from Chatrapati Square at 9:15 am to TGPCET, Nagpur Campus on 26/05/2017.

Thanking You.

[Note:-Requesting college bus to pick up all participants from Buldi at 9 am and from Chatrapati Square at 9:15 am sharp]

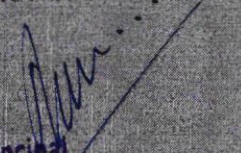

HOD, Mechanical Engineering

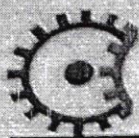
TGPCET, Nagpur
Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR.

Cc to (Transport Officer)



True Copy Attest


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

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

Wardha Road, Nagpur-441 108
NAAC Accredited

Department of Mechanical Engineering

Date: 22/05/2017

To,
The Principal,
TGPCET, Nagpur

Subject: Permission for All India workshop on 3D Printing Technology.

Respected sir,

The Department of Mechanical Engineering, organising All India Workshop on 3D Printing Technology for students by, **Mr. Surendra Chopde, CAD /CAM Guru, Nagpur**. The purpose of this workshop is to provide the knowledge of 3D Printing Technology which is beyond their curriculum and it will help the students in future.

I humbly request you to kindly give us the permission for the same.
Thanking you!

HoD (Mech. Dept)
(TGPCET, Nagpur)

Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR.



True Copy Attested

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



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108
NAAC Accredited

Department of Mechanical Engineering

To,
The Principal,
TGPCET, Nagpur

Date: 24-05-2017

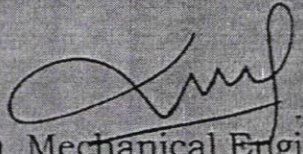
Subject: - For providing the Vehicle (Car) for the Transportation Facility of Expert coming to deliver lecture in our all India workshop on "3D Printing Technology on 26th May 2017.

Respected sir,

Department of Mechanical Engineering in association with Institution of Engineers (India) is organizing All India Workshop on 3D Printing Technology on 26th May 2017. With respect to above subject we are in the need of vehicle to pick up and drop the expert from **Nagpur** who is coming to deliver the demonstration on 3D Printing Technology on 26th May 2017.

Thanking You.

[Note:- required vehicle to pick up Expert from Bajaj Nagar square at 9:45am sharp]

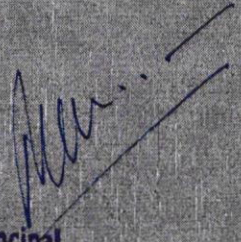

HOD, Mechanical Engineering
TGPCET, Nagpur

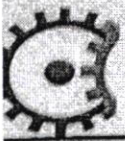
Head
Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR

Cc to Mr. Muthal for information (Transportation Officer)



True Copy Attest


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



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

Department of Mechanical Engineering

WORKSHOP ON 3D PRINTING TECHNOLOGY

26th May 2017

SCHEDULE FOR WORKSHOP

Registration: 9.15 a.m to 10.15 a.m

Inaugural function

Sr. No.	Schedule	By
1	Lighting of Ceremonial lamp	Chief Guest & other Dignitaries
2	Welcome of the Chief Guest	Prof. V. Kshirsagar, HoD, Mech. Engg. TGPCET
3	Opening Remarks (5-8 Min.)	Dr. G.K.Awari, Principal, TGPCET
4	Introduction of Chief Guest (2 Min.)	Anchor
5	Address of Chief Guest (1 Hrs.)	Mr. Chaitanya Ghate, CEO, Viragh Microsystems
6	Speech (10-12 Min.)	Prof. Sandeep Gaikwad, Treasurer, GPGI
7	Felicitation of Chief Guest	Prof. Sandeep Gaikwad, Treasurer, GPGI
8	Vote of Thanks	Anchor

Principal

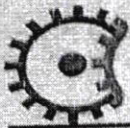
**TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR**

HOD (Mech. Dept)
Head

**Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR.**

True Copy Attest



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

Wardha Road, Nagpur-441 108

NAAC Accredited

Department of Mechanical Engineering

Date: 26/05/ 2017

To,
Mr. Surendra Chopde
CAD /CAM Guru,
Nagpur

Respected Sir,

We are grateful to you for conducting workshop on "3D Printing Technology" and sharing information with Mechanical Engineering Students of Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur.

We are thankful to you for your precious time and guiding our students on the subject. We highly appreciate and value your presence. We hope this kindness and cooperation will continue in future.

Thanking you,

HOD
Head

(Mech Dept)

Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR.



True Copy Attest

Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Tulsiramji Galkwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108
NAAC Accredited

Department of Mechanical Engineering

Dr: 23-05-2017

To,
Mr. Surendra Chopde
CAD/CAM Guru,
Nagpur

Subject: Invitation for the august presence on 26th May 2017 for the Inauguration of the all India workshop on "3D Printing Technology".

Respected Sir,

Warm Regards from Tulsiramji-Galkwad Patil College of Engineering and Technology (TGPCET), Nagpur

TGPCET is one of the most promising and upcoming Engineering Institutions in Vidarbha region. The college is a part of Galkwad-Patil Group of Institutions which caters to cultivating students in various fields such as Engineering, Architecture, Pharmacy, Education, etc. It comes under the umbrella of Rashtrasant Tukdoji Maharaj Nagpur University and is affiliated to AICTE.

As a professional education institute involved in producing engineers, it is imperative for us that our students are industry relevant and ready. As such we feel the urge for high amount of student interaction with the industrial setup. Hence, we encourage our students to maximize their industry interaction in ways such as industrial visits, projects & Expert lectures. This helps them to get practical experience of theoretical knowledge that they acquire in their curriculum.

In our regular Mechanical Engineering Department student's "ROBUST- Forum & IEI Activity" we arrange the lectures of the Experts from the field so as to bridge the gap between theory and practical.

We are glad to inform that the Department of Mechanical Engineering in association with Institution of Engineers (India) is organizing All India Workshop on "3D Printing Technology". The students of Diploma & Degree in Mechanical Engineering are expected to attend this workshop. In this workshop you are invited to grace the occasion by your presence during the Inaugural Function of the All India Workshop on 3D Printing Technology. We also hope that this can be a beginning of a long lasting, professionally satisfying and mutually beneficial relationship between our organizations.

Regards and Best Wishes



True Copy Attest

Principal
TGPCET, Nagpur

TULSIRAMJI GALKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

NAAC Accredited

Department of Mechanical Engineering

Attendance Sheet of Participants Workshop on "3D Printing Technology on 26/05/2017"

Sr. No.	NAME OF PARTICIPANTS	BRANCH	COLLEGE NAME	SIGNATURE
				26/05/2017
1	Mohsin Sheike	Mech	Kinkar Institute Of Tech	Mohsin
2	Sneha P. Waghmare	Mech	Seloo	Sneha
3	Vivek R. Majhaile	Mech	Mata Mahakali Poly	V. Majhaile
4	Prashnat G. Bhusewar	Mech	Varora	Prashnat
5	Gaurav Moon	Mech	Shankarrao Dhawad Poly	Gaurav
6	Mayur Chandurkar	Mech	Vasantdada Poly Nagpur	Mayur
7	Lakhan Lakhe	Mech		Lakhe
8	Rajendra Jaiswal	Mech		Rajendra
9	Sunil Patle	Civil		Sunil
10	Akash Marwade	Civil	Chatrapati Shivaji Poly	Akash
11	Mangesh Chute	Civil	Devari	Mangesh
12	Mayur Gautam	Civil		Mayur
13	Rajan Thakre	Civil	Nagpur Poly Nagpur	Rajan
14	Deepak Uikey	Civil		Deepak
15	Charul R. Purohit	Civil		Charul
16	Nisha P. Mude	Civil		Nisha
17	Uday V Wankhede	Civil	Government Poly., Nagpur	Uday
18	Sakshi Kurve	Civil		Sakshi
19	Rachana Das	Civil		Rachana
20	Ashwadeep Fulzele	Mech		Ashwadeep
21	Gaurav Nagdeve	Mech		Gaurav
22	Hrshwardha Mahawadiwar	Mech		Hrshwardha
23	Jagdish Mahure	Mech		Jagdish
24	Nitin Kakde	Mech		Nitin
25	Neeraj Wayzode	Mech		Neeraj
26	Ritesh Banpurkar	Mech	TGPCET	Ritesh
27	Ravidra Dharpure	Mech		Ravidra
28	Ravindra Shende	Mech		Ravindra
29	Sanjay Girhe	Mech		Sanjay
30	Vishwadev Ambade	Mech		Vishwadev
31	Vijay yalodkar	Mech		Vijay



True Copy Atteste

Principal
TULSIRAMJI GAIKWAD-PATIL
Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College
Engineering & Technology



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108
NAAC Accredited

Department of Mechanical Engineering

Date: - 27/05/2017

Report

Workshop: "Workshop on "3D Printing Technology on 26/05/2017"

Introduction: The department of Mechanical Engineering has organized a Workshop on "3D Printing Technology on 26/05/2017"

Mr. Surendra Chopde (CAD /CAM Guru) was the Keynote speaker for the Workshop.

Aim: To understand the 3D Printing Technology.

Objective: 1) To aware the participants from academicians about 3D Printing Technology
2) To know about scope of 3D Printing Technology

Lecture Details:

Mr. Surendra Chopde (CAD /CAM Guru) explained in this session about his knowledge in 3D Printing Technology

Mapping of lecture with 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.
- 8) Ethics.
- 9) Individual and team work.
- 10) Communication
- 11) Project Management and Finance.
- 12) Lifelong learning.

Outcomes of FDP: Outcome of this Workshop is analyzed by the feedback forms based on few questions and answered by Participants. The analysis report of conference is attached here with. On the basis of feedback form it is observed that participants understood the concept of 3D Printing Technology

Conclusion: The FDP is started with opening remark of head of the department, Mechanical Engineering and Presidential speech was given by the principal, TGPCET, The vote of thanks proposed by Program Coordinator.

Acknowledgement: On the behalf of Mechanical Engineering Department we sincerely thanks Mr. Surendra Chopde (CAD /CAM Guru) for accepting our invitation and delivering an informative knowledge of concept of 3D Printing Technology.



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

HOD (ME)

Head

Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR

True Copy Atteste



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

NAAC Accredited

Department of Mechanical Engineering

ALL INDIA WORKSHOP ON 3D PRINTING TECHNOLOGY



Felicitatation of Chief Guest Mr. Surendra Chopde by Prof. Sandeep Gaikwad, Treasurer, GPII



[Signature]
Head

Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR.

True Copy Attest

[Signature]
Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



NAAC Accredited

DTE Code: 4151

TULSIRAMJI GAIKWAD-PATIL College of Engineering & Technology

Wardha Road, Nagpur, India - 441 105 ISO 9001:2008 Certified Institutions
Approved by AICTE New Delhi / Govt. of Maharashtra & Affiliated to RTM Nagpur University



GAIKWAD-PATIL
GROUP OF INSTITUTIONS

Organized by
Department of
Mechanical Engineering
& Civil Engineering

All India Workshop on
**3D Printing
Technology**
(26th May 2017)

In Association with
VIRAGH | Microsystems
& **ABHA GAIKWAD-PATIL** DTE Code
College of Engineering 4195

CERTIFICATE

This is to certify that Mr./Ms. Ashwadeep Fulzele of T.Y.P.C.E.T., Nagpur
has participated in the All India Workshop on "3D Printing Technology" held on 26th May 2017 at Tulsiramji
Gaikwad Patil College of Engineering & Technology, Nagpur.

We appreciate his/her enthusiasm and wish him/her all the best for future.



Dr. Mahesh Gaikwad Patil
Principal
Gaikwad Patil Group

Prof. Sandeep Gaikwad
Treasurer
GPGI

Dr. Geeta Padole-Gaikwad
Director, Admission Cell
GPGI

Dr. G. K. Awari
Principal
TGPCET

Prof. V. P. Kshirsagar
HOD, Mech. Engg.
TGPCET

Prof. A. R. Khediker
HOD, Civil Engg.
TGPCET

True Copy Attestation

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

REGISTRATION FEE

The Registration Fee for the workshop is Rs. 300/- per participant & participation certificate will be provided to the individual participant of the workshop. **How to Register:** The interested participant should submit their duly completed Registration form to hod.chile@tgpccet.com or hod.electrical@tgpccet.com or hod.mechanical@tgpccet.com last date of Registration is 18th March 2017. The non-refundable registration fees may be deposited in favor of BOI, account **TGPCCET ROBUST A/c No. 875610110004507**, Dongargoan Branch, Nagpur or can be paid in cash at college.

LAST DATE OF REGISTRATION

Hard copy of duly filled and signed registration form along with registration fee should reach the coordinator on or before Saturday 18th March 2017. However scanned copy of registration form should be sent through email for early registration and confirmation. Since only limited seats are available interested Participants are encouraged to apply early with the non-refundable deposit.

WHO SHOULD ATTEND?

- ✓ This workshop is designed for the students of UG and PG students in Civil/Electrical/Mechanical or equivalent.
- ✓ Diploma students.
- ✓ ITI students.

RESOURCE PERSONS

The resource persons for the program shall include experts from prestigious institutes.

VENUE

- Day 1: Theory - The Institution of Engineers (India) Hall Local Nagpur Centre, North Ambekar Road, Nagpur
- Day 2: Hands on experience - Workshop, Tulsiramji Patil College of Engineering & Technology, Waroda Road, Nagpur

MENTORS

Dr. Mohan Gaikwad-Patil (Chairman, Gaikwad-Patil Group)
Dr. Anjali Patil-Gaikwad (President, GPGI)
Prof. Sandeep Gaikwad (Treasurer, GPGI)
Shri. Anil W. Hood (Executive Director, GPGI)

ADVISORY COMMITTEE

Prof. H. O. Thakre (Council Member, IITM, Kolhapur)
Dr. D. P. Mase (Chairman, IITD NLC, Nagpur)
Mr. M. A. Pathak (Honorary Secretary, IITD NLC, Nagpur)

TECHNICAL COMMITTEE

Prof. M. M. Baxi (Principal, Tulsiramji Polytechnic, Nagpur)
Prof. G. Akhade (Principal, G.H.Ramani Polytechnic, Nagpur)
Prof. G. F. Potbhare (Principal, NCT Polytechnic, Nagpur)
Prof. V. K. Babar (Principal, KDK Nagpur Polytechnic, Nagpur)
Prof. Mohd. Raffiullah (Principal, Anjanagar Polytechnic, Nagpur)
Prof. V. A. Ughade (Principal, Ramkrishna Polytechnic, Nagpur)

ORGANIZING COUNCIL

Principal Convener:
Dr. G. K. Awari, Principal, TGPCCET

Convener:
Prof. S. K. Bhadke, HoD, Civil Engineering
 Mob.: 88950 91735

Dr. H. K. Naidu, HoD, Electrical Engineering
 Mob.: 88888 05595

Prof. S. M. Guadane, HoD, Mechanical Engg.
 Mob.: 88888 38753

GAIKWAD-PATIL
 GROUP OF INSTITUTIONS

Website: www.tgpccet.com

Mob.: +91 9450004357, +91 92732 43117, +91 88888 38736

Tel: 07103 643410 Fax: 0712 2240080

TULSIRAMJI GAIKWAD-PATIL
 College of Engineering & Technology

Waroda Road, Nagpur, Maharashtra - 465 001



The Institution
of Engineers (India)
 Nagpur Local Centre

All India Workshop (s)

"Significance of Advanced Equipments in Construction Technology"
 Organized by Department of Civil Engineering



"Recent Trends in High Voltage Equipment & Testing"
 Organized by Department of Electrical Engineering



"CNC Machines: Programming & its Applications in Industry"
 Organized by Department of Mechanical Engineering



20th - 21st March, 2017

In Technical Collaboration with

KEC

KEC International
 Training Centre, Mumbai

Indian Centres
 Institute, N.C. Nagpur



True Copy Attest

Head
 Department of Mechanical Engineering
 Tulsiramji Gaikwad Patil College of
 Engineering & Technology, NAGPUR.
Principal
TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

NAAC Accredited

Department of Mechanical Engineering

Date: 18 /03/2017

NOTICE

All the participants and students from Mechanical Engineering are hereby informed that Department of Engineering and IEI, (Nagpur Local Centre) Nagpur organising Two days all India Workshop "CNC Technology: Programming and its Application in Industry" from 20/03/2017 to 21/03/2017. So all are requested to remain present for the inaugural function on 20/03/2017 at IEI Hall (Nagpur Local Centre), at 10.00 a.m

Head
HoD (Mech. Dept)

Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR.



True Copy Attest

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

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

Wardha Road, Nagpur-441 108

NAAC Accredited

Department of Mechanical Engineering

Date: 15/03/2017

To,
The Principal,
TGPCET, Nagpur

Subject: Permission for all India Workshop "CNC Technology: Programming and its Application in Industry.

Respected sir,

The Department of Mechanical Engineering, and IEL, (Nagpur Local Centre) Nagpur organising Two days all India Workshop "CNC Technology: Programming and its Application in Industry for students by, Mr. Amol Khichade, (KEC International Ltd, Nagpur). The purpose of this workshop is to provide the knowledge of CNC Technology: Programming and its Application in Industry which beyond their curriculum and it will help the students in future

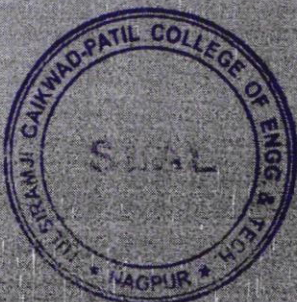
I humbly request you to kindly give us the permission for the same

Thanking you!

HoD (Mech. Dept)

(TGPCET Nagpur)

Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR.



True Copy Attest

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



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108
NAAC Accredited

Department of Mechanical Engineering

Date: 18/03/2017

To,
Er. H. O. Thakre
Hon. Chairman,
IEI, Nagpur Local Center.

Subject: Invitation for the august presence on 20/03/2017 for the Inauguration of the All India Workshop on "CNC Technology: Programming and its Applications in Industry" at IEI Hall North Ambazari Road Nagpur

Respected Sir,

Warm Regards from Tulsiramji-Gaikwad Patil College of Engineering and Technology (TGPCET).

TGPCET is one of the most promising and upcoming Engineering Institutions in Vidarbha region. The college is a part of Gaikwad-Patil Group of Institutions which caters to cultivating students in various fields such as Engineering, Architecture, Pharmacy, Education, etc. It comes under the umbrella of Rashtrasant Tukdoji Maharaj Nagpur University and is affiliated to AICTE.

As a professional education institute involved in producing engineers, it is imperative for us that our students are industry relevant and ready. As such we feel the urge for high amount of student interaction with the industrial setup. Hence, we encourage our students to maximize their industry interaction in ways such as industrial visits, projects & Expert lectures. This helps them to get practical experience of theoretical knowledge that they acquire in their curriculum.

In our regular Mechanical Engineering Department student's "ROBUST- Forum & IEI Activity" we arrange the lectures of the Experts from the field so as to bridge the gap between theory and practical.

We are glad to inform that the Department of Mechanical Engineering in association with Institution of Engineers (India) is organizing two days All India Workshop on "CNC Technology: Programming and its Applications in Industry" on 20/03/2017 to 21/03/2017. The students of Diploma & Degree in Mechanical Engineering are expected to attend this workshop. In this workshop you are invited to grace the occasion by your presence during the Inaugural Function of the All India Workshop on 20/03/2017 at 10:15 am in the IEI Hall, North Ambazari Road, Nagpur

We also hope that this can be a beginning of a long lasting, professionally satisfying and mutually beneficial relationship between our organizations.

Regards and Best wishes

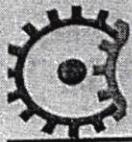


HOD,
Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR.

True Copy Attest

Dr. G. K. Awa
Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108
NAAC Accredited

Department of Mechanical Engineering

Dt: 20/03/2017

To,
Er. H. O. Thakre
Hon. Chairman,
IEI, Nagpur Local Center

Subject: Gratitude for being a Chief Guest for All India Workshop on "CNC Technology: Programming and its Applications in Industry"

Respected sir,

We take privilege to articulate our sincere thanks towards you for being a Chief Guest for All India Workshop on "CNC Technology: Programming and its Applications in Industry"

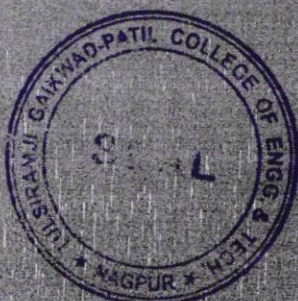
This All India Workshop on "CNC Technology: Programming and its Applications in Industry" has been very useful for diploma, UG and PG students and Faculties as well as Industrialist and it will surely help in their research and project work. We are thankful to you for giving lecture in our International Conference. We hope that this kindness and cooperation will continue in future

With warm regards,

HoD (Mech. Dept)

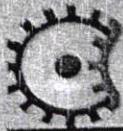
(TGPCET, NAGPUR)

Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR.



True Copy Attest

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



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108
NAAC Accredited

Department of Mechanical Engineering

Date: 18/03/2017

To,
Er. P.K. Kulkarni
IP Chairman,
IEL, Nagpur Local Center.

Subject: Invitation for the august presence on 20/03/2017 for the Inauguration of the All India Workshop on "CNC Technology: Programming and its Applications in Industry" at IEL Hall North Ambazari Road Nagpur

Respected Sir,

Warm Regards from Tulsiramji-Gaikwad Patil College of Engineering and Technology (TGPCET).

TGPCET is one of the most promising and upcoming Engineering Institutions in Vidarbha region. The college is a part of Gaikwad-Patil Group of Institutions which caters to cultivating students in various fields such as Engineering, Architecture, Pharmacy, Education, etc. It comes under the umbrella of Rashtrasant Tukdoji Maharaj Nagpur University and is affiliated to AICTE.

As a professional education institute involved in producing engineers, it is imperative for us that our students are industry relevant and ready. As such we feel the urge for high amount of student interaction with the industrial setup. Hence, we encourage our students to maximize their industry interaction in ways such as industrial visits, projects & Expert lectures. This helps them to get practical experience of theoretical knowledge that they acquire in their curriculum.

In our regular Mechanical Engineering Department student's "ROBUST Forum & IEL Activity" we arrange the lectures of the Experts from the field so as to bridge the gap between theory and practical.

We are glad to inform that the Department of Mechanical Engineering in association with Institution of Engineers (India) is organizing two days All India Workshop on "CNC Technology: Programming and its Applications in Industry" on 20/03/2017 to 21/03/2017. The students of Diploma & Degree in Mechanical Engineering are expected to attend this workshop. In this workshop you are invited to grace the occasion by your presence during the Inaugural Function of the All India Workshop on 20/03/2017 at 10:15 am in the IEL Hall, North Ambazari Road, Nagpur.

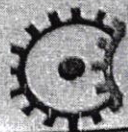
We also hope that this can be a beginning of a long lasting, professionally satisfying and mutually beneficial relationship between our organizations.
Regards and Best wishes

HOD,
Mechanical Engg. Dept.

Head
Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR.

D. G. K. Awari
Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



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

Department of Mechanical Engineering

Dt. 20/03/2017

To,
Er. P.K. Kulkarni
IP Chairman,
IEL,
Nagpur Local Center

Subject: Gratitude for being a Guest of Honor for All India Workshop on "CNC Technology: Programming and its Applications in Industry"

Respected sir,

We take privilege to articulate our sincere thanks towards you for being a Guest of Honor for All India Workshop on "CNC Technology: Programming and its Applications in Industry"

This All India Workshop on "CNC Technology: Programming and its Applications in Industry" has been very useful for diploma, UG and PG students and Faculties as well as Industrialist and it will surely help in their research and project work. We are thankful to you for giving lecture in our International Conference. We hope that this kindness and cooperation will continue in future

With warm regards,

HoD(Mech. Dept)

(TGPCET, NAGPUR)

Department of Mechanical Engineering
Tulsi Ramji Gaikwad Patil College of
Engineering & Technology, Nagpur



True Copy Attest

Principal
TULSI RAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Tulsi Ramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108
NAAC Accredited

Department of Mechanical Engineering

Date: 18/03/2017

To,
Mr. Amol Khichade.
KEC International Ltd.
Nagpur

Subject: Invitation for the august presence on 20/03/2017 for the Inauguration of the All India Workshop on "CNC Technology: Programming and its Applications in Industry" at IEI Hall North Ambazari Road Nagpur

Respected Sir,

Warm Regards from Tulsi Ramji-Gaikwad Patil College of Engineering and Technology (TGPCET).

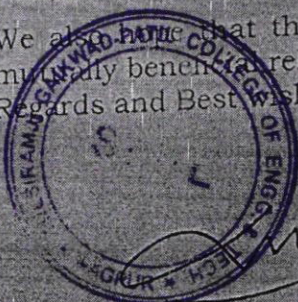
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As a professional education institute involved in producing engineers, it is imperative for us that our students are industry relevant and ready. As such we feel the urge for high amount of student interaction with the industrial setup. Hence, we encourage our students to maximize their industry interaction in ways such as industrial visits, projects & Expert lectures. This helps them to get practical experience of theoretical knowledge that they acquire in their curriculum.

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We also hope that this can be a beginning of a long lasting, professionally satisfying and mutually beneficial relationship between our organizations.
Regards and Best Wishes

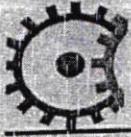


HOD. Head

Department of Mechanical Engineering
Tulsi Ramji Gaikwad Patil College of
Engineering & Technology, NAGPUR.

True Copy Attest

[Signature]
Dr. G. K. Awari
Principal
TULSI RAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

NAAC Accredited

Department of Mechanical Engineering

Dt: 20/03/2017

To,
Mr. Amol Khichade.
KEC International Ltd,
Nagpur

Subject: Gratitude for being a Key note speaker for All India Workshop on "CNC Technology: Programming and its Applications in Industry"

Respected sir,

We take privilege to articulate our sincere thanks towards you for being a Key note speaker for All India Workshop on "CNC Technology: Programming and its Applications in Industry"

This All India Workshop on "CNC Technology: Programming and its Applications in Industry" has been very useful for diploma, UG and PG students and Faculties as well as Industrialist and it will surely help in their research and project work. We are thankful to you for giving lecture in our International Conference. We hope that this kindness and cooperation will continue in future

With warm regards,

HoD (Mech. Dept)
Head

Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR



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Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

NAAC Accredited

Department of Mechanical Engineering

ALL INDIA WORKSHOP

ON

"CNC Machines: Programming and its Applications in Industry"

From 20/03/2017 to 21/03/2017

Sr. No.	NAME OF PARTICIPANTS	BRANCH	COLLEGE NAME	SIGNATURE	
				20/3/2017	21/03/2017
1	Dhiraj Ankar	Mech	Priyadrashini Poly Nagpur	<i>Ankar</i>	<i>Ankar</i>
2	Dhipak Patle	Mech		<i>Patle D.</i>	<i>Patle D.</i>
3	Rahul Khangar	Mech		<i>Rahul Kh</i>	<i>Rahul Kh</i>
4	Kunal Athawale	Mech	Kamptee Poly Kamptee	<i>Atha</i>	<i>Atha</i>
5	Amit Gajbhiye	Mech		<i>Gaj</i>	<i>Gaj</i>
6	Sandip Gabhane	Mech		<i>S</i>	<i>S</i>
7	Pankaj Prajapati	Mech	Nagpur Poly	<i>P. Prajapati</i>	<i>P. Prajapati</i>
8	Vaibhav Khobragade	Mech		<i>VK</i>	<i>VK</i>
9	Vivekanand Kumar	Mech	Nuva Poly Nagpur	<i>V. Kumar</i>	<i>V. Kumar</i>
10	Shubham Urkude	Mech		<i>S</i>	<i>S</i>
11	Gaurav K Chavhan	Mech	Government Poly., Nagpur	<i>GK</i>	<i>GK</i>
12	Shoheb Sayyed	Mech		<i>Md. Soheb</i>	<i>Md. Soheb</i>
13	Jayendra Muley	Mech		<i>Muley</i>	<i>Muley</i>
14	Abhijeet A. Lode	Mech	P.R. Patil Poly Talegaon	<i>Lode</i>	<i>Lode</i>
15	Amol Wadibhasme	Mech		<i>Amol</i>	<i>Amol</i>
16	Praful Waghmare	Mech	Umred Polytechnic	<i>Praful</i>	<i>Praful</i>
17	Dipak M. Waghmare	Mech	Shri Vyankatesh Poly Yelakeli Wardha	<i>DW</i>	<i>DW</i>
18	Khushbu Kosamkar	Mech		<i>K. Kosamkar</i>	<i>K. Kosamkar</i>
19	Pratik Satibawane	Mech	Shri Krushnarao Pandav Poly Nagpur	<i>Satib</i>	<i>Satib</i>
20	Veena Daigwar	Mech	Dr. Arun Motghare Poly, Pauni	<i>Veena</i>	<i>Veena</i>
21	Ganesh Jibhate	Mech		<i>Gjibh</i>	<i>Gjibh</i>
22	Prashant Shrivankar	Mech		<i>P</i>	<i>P</i>
23	Akhar Sheikh	Mech	Kamptee Poly Kamptee	<i>ASheikh</i>	<i>ASheikh</i>
24	Mohammad Monis	Mech		<i>Monis</i>	<i>Monis</i>
25	Mayur R. Rasule	Mech	P.R. Patil Poly	<i>MR</i>	<i>MR</i>



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Wardha Road, Nagpur-441 108

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Department of Mechanical Engineering

26	Rushikesh R. Gore	Mech	Talegaon	<i>Rushikesh</i>	<i>Rushikesh</i>
27	Satish Girhe	Mech	TGPCET, Nagpur	<i>Girhe</i>	<i>Girhe</i>
28	Harshwardhan Mahawadiwar	Mech		<i>Har</i>	<i>Har</i>
29	Jagdish Mahure	Mech		<i>Jagdish</i>	<i>Jagdish</i>
30	Shubhangi Gondane	Mech		<i>Shub</i>	<i>Shub</i>
31	Tejus Ingle	Mech		<i>Tejus</i>	<i>Tejus</i>
32	Vijay Talodhikar	Mech		<i>Vijay</i>	<i>Vijay</i>

[Signature]
HOD, Mech
Head

Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR



True Copy Attest

[Signature]
Principal
TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Department of Mechanical Engineering

Date: - 22/03/2017

Report

Workshop: All India Workshops on CNC Technology: Programming and its Application in Industry”

Introduction: The department of Mechanical Engineering has organized a “Two days All India Workshops on CNC Technology: Programming and its Application in Industry”. Mr. Amol Khichade, (KEC International Ltd, Nagpur) was the chief guest and expert for the workshop.

Aim: To understand the Recent advancement in industry oriented CNC Technology.

Objective: 1) To aware the participants from institutes, industries and academicians about advancement in industry oriented CNC Technology and its Application in Industry

2) To know about scope of advancement in industry oriented CNC Technology and its Application in Industry

Lecture Details:

Mr. Amol Khichade, (KEC International Ltd, Nagpur), explained in this session about his knowledge in Advances in industry oriented CNC Technology and Programming. He discussed with participants the industry oriented CNC Technology and Programming in details.

Mapping of lecture with 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.
- 8) Ethics.
- 9) Individual and team work.
- 10) Communication
- 11) Project Management and Finance.
- 12) Lifelong learning.



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

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Department of Mechanical Engineering

Outcomes of conference: Outcome of this conference is analyzed by the feedback forms based on few questions and answered by students. The analysis report of conference is attached here with. On the basis of feedback form it is observed that participants understood the concept of industry CNC Technology and Programming

Conclusion: The conference started with opening remark of head of the department, Mechanical Engineering and Presidential speech was given by the principal, TGPCET, The vote of thanks proposed by Program Coordinator.

Acknowledgement: On the behalf of Mechanical Engineering Department we sincerely Mr. Amol Khichade, (KEC International Ltd, Nagpur) for accepting our invitation and delivering an informative knowledge on of industry oriented CNC Technology and Programming.

Head (Mech. Dept)

Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR.

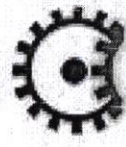


True Copy Attest

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



The Institution
of Engineers (India)
Nagpur Local Centre



NAAC Accredited

TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology

Wardha Road, Nagpur, India - 441 108

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

ISO 9001:2005 Certified Institutions

Organises

All India Workshop on

"CNC Machines:

Programming & its Applications
in Industry"

20th-21st March 2017

Department of Mechanical Engineering

In Technical Collaboration with

KEC

KEC International
Training Centre, Butibori

Certificate

This is to certify that Mr./Ms. Harshwardhan Mahawadiwar

of TPCET, Nagpur

has participated in the Two Days All India Workshop on "CNC Machines: Programming and its Applications in Industry" held on 20th-21st March 2017 organized by The Institution of Engineers (India) Nagpur Local Centre and Department of Mechanical Engineering, TGPCET, Nagpur.

We appreciate his/her enthusiasm and wish him/her all the best for future.



Awari
Dr. G. K. Awari
Principal Convener

True Copy Attested

Ravish
Mr. R. K. Suryavanshi
Head, KEC International
Training Centre

D. P. Mase
Dr. D. P. Mase
Chairman
IE(I) NLC

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



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

Department of Electrical Engineering



TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology
(Approved by AICTE, Recognized by Govt. of Maharashtra & Affiliated to RTM Nagpur University)
DTE Code: 4151

ISO 9001:2015 Certified Institution

GAIKWAD-PATIL
GROUP OF INSTITUTIONS

Organized by-
Department of Electrical Engineering

One week STTP
On

***'High voltage and Advanced Control Drive
Techniques'***

In Association with



INSTITUTION OF ENGINEERS (INDIA)

Date:-
8/08/2016 - 12/08/2016



True Copy Attest

[Signature]
Principal
TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR

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

Wardha Road, Nagpur-441 108

Department of Electrical Engineering

NOTICE**Date : 01/08/2016**

All the faculty members and M. Tech students are hereby inform that **Electrical Engineering** department has organize One week STTP on '**High voltage and Advanced Control drive Techniques**' from 08/08/2016-12/08/2016. All the students and faculty members are requested to attend the workshop.

HOD,EE**HOD****Electrical Engineering
Tulsiramji Gaikwad-Patil College of
Engineering and Technology, Nagpur.****True Copy Atteste****Principal****TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR**



Vidarbha bahu-uddeshiya shikshan sanstha's

TULSIRAMJI GAIKWAD-PATIL

College of Engineering & Technology

Mohgaon, Wardha Road, Nagpur - 441 106, Tel : 07103-645411/10, Mob.: 09922966173
Approved by AICTE, New Delhi, Govt. of Maharashtra & Affiliated to RTM Nagpur University
E-mail : principal@tgpcet.com ; Website : www.tgpcet.com
An IAO & ISO 9001 : 2015 Certified Institution



GAIKWAD-PATIL

GROUP INSTITUTIONS

Gjaswini Complex,
IT Park Road, Gayatri Nagar,
Nagpur - 440 022
Tel : 0712-664 6252
Fax : 0712-2240656
E-mail: vidarbhabuss@yahoo.co.in,

Date: 16/07/2016

To,
Dr. S.S. Umare
VNIT,
Nagpur.

Subject: Invitation as expert for Two day workshop on '**High voltage and Advanced Control drive Techniques** '

Respected Sir,

It is our privilege to invite you as an expert for Two day workshop on '**High voltage and Advanced Control drive Techniques** ' The schedule of the program is from 8/08/2016 at Tulsiramji Gaikwad-Patil college of Engineering and Technology, Wardha road, Nagpur.

Please do find a day out from your busy schedule and convey us your acceptance and oblige.

Thanking You Anticipation.

Head of Department



True Copy Attest

Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

Department of Electrical Engineering

Session 2016-17

Topic- One week STTP on 'High voltage and Advanced Control drive Techniques'

Attendance Sheet

Sr. No	Name of Participants	Designation	Signature				
			08/08/2016	09/08/2016	10/08/2016	11/08/2016	12/08/2016
1	Prof. Dhanashree Kotkar	Ass. Professor					
2	Prof. Yogita Rautkar	Ass. Professor					
3	Prof. R. Shaha	Shaha					
4	Prof. S. Gajbhiye	Gajbhiye					
5	Prof. R. Ramteke						
6	Prof. R. Jethani	Asst Prof					
7)	Prof. R. Dafari	LD					
8)	Prof. S. Rutare	SL					
9)	Prof. Jalat Sheikh	Sheikh					
10)	Prof. R. Batke	AP					
11.	Prof. V. Pawade	Ass. Professor					
12)	Prof. S. Gadekar	Ass. Professor					
13	Prof. A. Moturani	Ass. Professor					
14.	Prof. Anil Hood	A Hood					
15)	Prof. S. Mallemwar	Ass. Professor					
16	Prof. Kamlesh Shende	Shende					
17.	Prof. Pratik Shurtke	Ass. Professor					
18)	Shrinal Gatkine	M-Tech					
19.	Anil Kulkarni	AA					
20	Prachi Nisarkar						



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

Department of Electrical Engineering

21	Netra Thamaskar	M.Tech	N. Thamaskar	N. Thamaskar	N. Thamaskar	N. Thamaskar	N. Thamaskar
22	Shivkumar Khande	M.Tech	(K)	(K)	(K)	(K)	(K)
23	Komal Shende	M.Tech	Shende	Shende	Shende	Shende	Shende
24	Aditya Khandate	M.Tech	AK	AK	AK	AK	AK
25	Ashu Shende	M.Tech	AS	AS	AS	AS	AS
26	Ashwini Admane	M.Tech	AA	AA	AA	AA	AA
27	Balaji Phad	M.Tech	Bphad	Bphad	Bphad	Bphad	Bphad
28	Chetan Badurik	M.Tech	B	B	B	B	B
29	Dipak Pare	M.Tech	Dipare	Dipare	Dipare	Dipare	Dipare

H. K. Kulkarni
HoD-EE

HOD
Electrical Engineering
Tulsiramji Gaikwad-Patil College
Engineering and Technology, Nagpur

True Copy Attested



[Signature]
Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

Department of Electrical Engineering

Session 2016-17

Report on

One week STTP on 'High voltage and Advanced Control drive Techniques'

Name of Event: One week STTP on 'High voltage and Advanced Control drive Techniques'

Date of Event: 08/08/2016-12/08/2016

Event Co-Ordinator: Prof. Radharaman Shaha, Prof. Roshni Jethani

Introduction:

Department of electrical Engineering organized two days workshop on 'High voltage and Advanced Control drive Techniques' under Institute of Engineers India (IE(I)) banner. This workshop will explore knowledge about High voltage and Advanced Control drive Techniques. This workshop was conducted for six days. Faculty members and M.Tech students are participated in the workshop.

Aim:

Purpose of this workshop is to help student and faculty members to understand the concept of High voltage and Advanced Control drive Techniques.

Objective:

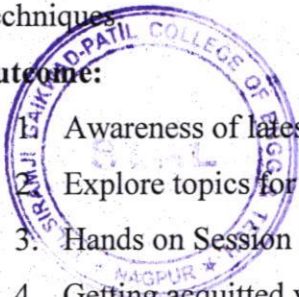
1. Exposing participants to the basic principles of power electronics.
2. Providing practical knowledge of power system and power electronics.
3. Enhancing capabilities of participants in practical knowledge.

Event Details:

Dr. S.S. Umare, VNIT Nagpur, Dr. S.S. Bhatt, professor VMIT, Dr. R. Moharil YCCE Nagpur, Dr. S. R. Bhide VNIT Nagpur, Dr. M. Renge RKNCE, Nagpur, and Dr. S.P. Muley PCE Nagpur conducted the session and explain about 'High voltage and Advanced Control drive Techniques'. This course included with theory and practical concept of 'High voltage and Advanced Control drive Techniques'. Practical session was conducted to learn detail about 'High voltage and Advanced Control drive Techniques'.

Outcome:

1. Awareness of latest tools and technology
2. Explore topics for research purpose.
3. Hands on Session by industry experts.
4. Getting acquainted with latest trends and technology.



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Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR

HOD

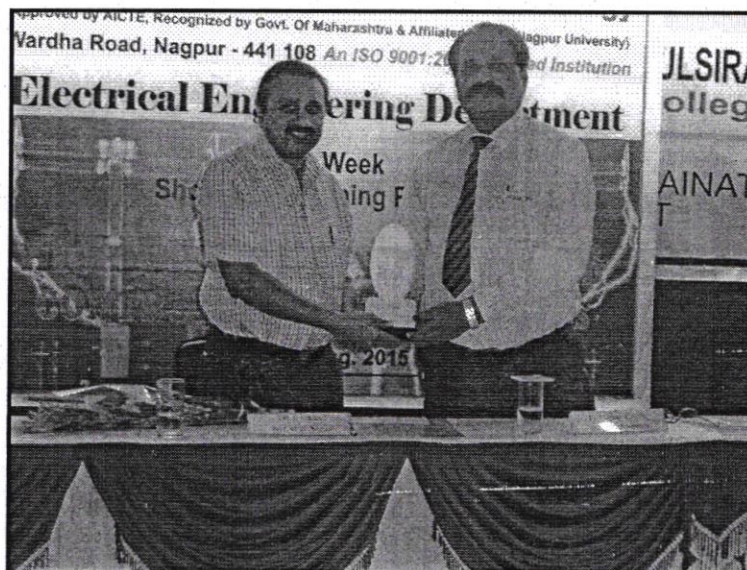
Electrical Engineering

Tulsiramji Gaikwad Patil College of Engineering and Technology



Department of Electrical Engineering

Glimpses of Event:-



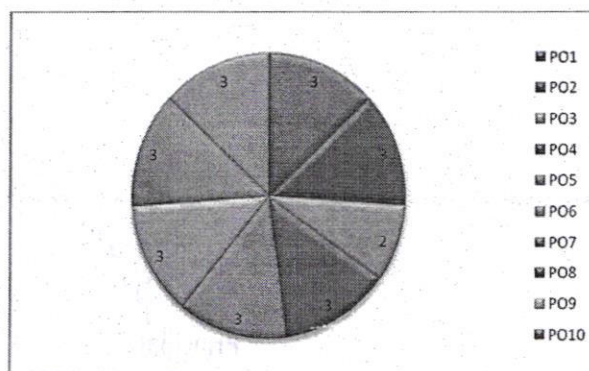
Two day workshop on 'High voltage and Advanced Control drive Techniques'

Attainment of POs:

- PO1. Engineering knowledge
- PO2. Problem Analysis
- PO3. Design and development of solution
- PO4. Conduct investigation of complex problems
- PO5. Modern tool usage
- PO9. Individual team work
- PO11. Project Management
- PO12. Lifelong learning

PO Attainment:

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
3	3	2	3	3				3		3	3





Vidarbha bahu-uddeshiya shikshan sanstha's

TULSIRAMJI GAIKWAD-PATIL

College of Engineering & Technology

Mohgaon, Wardha Road, Nagpur - 441 108, Tel : 07103-645411/10, Mob.: 09922986173
Approved by AICTE, New Delhi, Govt. of Maharashtra & Affiliated to RTM Nagpur University
E-mail : principal@tgpceet.com ; Website : www.tgpceet.com
An IAO & ISO 9001 : 2015 Certified Institution



GAIKWAD-PATIL

GROUP INSTITUTIONS

Ojaswini Complex,
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Nagpur - 440 022
Tel : 0712-664 6252
Fax : 0712-2240656
E-mail: vidarbhabuss@yahoo.co.in.

Date: 08/08/2016

To,
Dr. S.S. Umare
VNIT,
Nagpur.

Subject: Thanx Letter

Respected Sir,

We are grateful to you for your kind consent as expert speaker for '**High voltage and Advanced Control drive Techniques**' We are thankful to you for valuable time that you spared for our students and faculty members.

We highly appreciate and value your presence here as an Expert.

Thank You.

Head of Department

HOD

Electrical Engineering
Tulsiramji Gaikwad-Patil College of
Engineering and Technology, Nagpur.



True Copy Attested

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



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

Department of Electrical Engineering

Session 2016-17

Feedback Form

Topic- One week STTP on 'High voltage and Advanced Control drive Techniques'

a) Whether this workshop is helpful to upgrade your knowledge in the area of science and engineering?

☐ 0 Not Applicable ☐ 1 Slight (Low) ☒ 2 Moderate (Medium) ☐ 3 Substantial (High)

b) At what extent this workshop helped to solve the complex engineering problems?

☐ 0 Not Applicable ☐ 1 Slight (Low) ☒ 2 Moderate (Medium) ☐ 3 Substantial (High)

c) Whether this workshop is helpful to give exposure about modern engineering tool?

☐ 0 Not Applicable ☐ 1 Slight (Low) ☐ 2 Moderate (Medium) ☒ 3 Substantial (High)

d) Whether this workshop is helpful to satisfy societal and environmental issues?

☐ 0 Not Applicable ☐ 1 Slight (Low) ☐ 2 Moderate (Medium) ☒ 3 Substantial (High)

e) Do the norms of ethical practices are addressed in this workshop?

☐ 0 Not Applicable ☐ 1 Slight (Low) ☒ 2 Moderate (Medium) ☐ 3 Substantial (High)

f) Whether this workshop is useful in Team building activity?

☐ 0 Not Applicable ☐ 1 Slight (Low) ☐ 2 Moderate (Medium) ☒ 3 Substantial (High)

g) Whether this workshop demonstrated to develop communication skills?

☐ 0 Not Applicable ☐ 1 Slight (Low) ☒ 2 Moderate (Medium) ☐ 3 Substantial (High)

h) Do you feel that visiting and understanding the work culture of industry helps to manage projects?

☐ 0 Not Applicable ☐ 1 Slight (Low) ☐ 2 Moderate (Medium) ☒ 3 Substantial (High)

i) Whether this workshop enabled to recognize the need for lifelong learning?

☐ 0 Not Applicable ☐ 1 Slight (Low) ☐ 2 Moderate (Medium) ☒ 3 Substantial (High)



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

HOD

Electrical Engineering



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

NAAC Accredited

Department of Electrical Engineering



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



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Organized by -
Department of Electrical Engineering

Guest Lecture

On

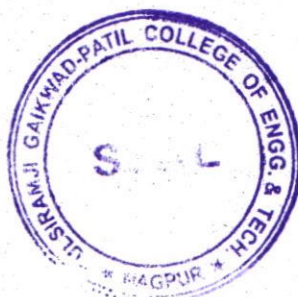
*Two days workshop on "Solar Panel Making
and PCB Designing"*

In Association with



Date:-

14/12/2017 - 15/12/2017



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Principal

TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR

HOD

Electrical Engineering
Tulsiramji Gaikwad-Patil College of
Engineering and Technology, Nagpur.



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

NAAC Accredited

Department of Electrical Engineering

NOTICE

Date : 06/12/2017

All the faculty members and M. Tech students are hereby inform that **Electrical Engineering** department has organize Two days workshop on "**Solar Panel Making and PCB Designing**" from 4/12/2017 - 15/12/2017. All the students and faculty members are requested to attend the workshop.

HOD,EE



True Copy Attest

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

HOD

**Electrical Engineering
Tulsiramji Gaikwad-Patil College of
Engineering and Technology, Nagpur**



Vidarbha bahu-uddeshiya shikshan sanstha's

NAAC Accredited

TULSIRAMJI GAIKWAD-PATIL College of Engineering & Technology

Mohgaon, Wardha Road, Nagpur - 441 108, Tel : 07103-645411/10, Mob.: 09922966173
Approved by AICTE, New Delhi, Govt. of Maharashtra & Affiliated to RTM Nagpur University
E-mail : principal@tgpceet.com ; Website : www.tgpceet.com
An ISO 9001 : 2015 Certified Institution



GAIKWAD-PATIL GROUP INSTITUTIONS

Ojaswini Complex,
IT Park Road, Gayatri Nagar,
Nagpur - 440 022
Tel : 0712-664 6252
Fax : 0712-2240656
E-mail: vidarbhabuss@yahoo.co.in

Date: 01/04/2016

To,
Dr. A.V.Giridhar
Assistant Professor, NIT, Warangal,
Nagpur.

Subject: Invitation as expert for Two day workshop on " **Solar Panel Making and PCB Designing**"

Respected Sir,

It is our privilege to invite you as an expert for Two day workshop on " **Solar Panel Making and PCB Designing**" The schedule of the program is from 14/12/2017 at Tulsiramji Gaikwad-Patil college of Engineering and Technology, Wardha road, Nagpur.

Please do find a day out from your busy schedule and convey us your acceptance and oblige.

Thanking You Anticipation.

Head of Department

HOD

Electrical Engineering
Tulsiramji Gaikwad-Patil College of
Engineering and Technology, Nagpur.



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



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

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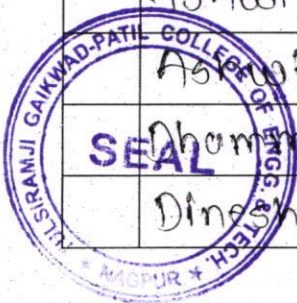
Department of Electrical Engineering

Session 2016-17

Topic- Two days workshop on "Solar Panel Making and PCB Designing"

Attendance Sheet

Sr. No	Name of Participants	Designation	Signature	
			14/12/2016	15/12/2016
	Prof. Yogita Rothekar	M.Tech	<i>Yogita</i>	<i>Yogita</i>
	Prof. R. Shaha	M.Tech	<i>R. Shaha</i>	<i>R. Shaha</i>
	Prof. S. Gajbhare	M.Tech.	<i>S. Gajbhare</i>	<i>S. Gajbhare</i>
	Prof. Vinod Sable	Ass. prof.	<i>Sable</i>	<i>Sable</i>
	Prof. Rashmi Jethani	Ass. prof.	<i>Rethani</i>	<i>Rethani</i>
	Prof. Sachin Katar	Ass. prof.	<i>Sachin</i>	<i>Sachin</i>
	Prof. Riddhi Butle	Ass. prof.	<i>Butle</i>	<i>Butle</i>
	Prof. Pratik Ghutke	Ass. prof.	<i>Pratik</i>	<i>Pratik</i>
	Prof. Ashish Motwani	Ass. prof.	<i>Ashish</i>	<i>Ashish</i>
	Prof. Vaishali Makkar	M.Tech.	<i>Vaishali</i>	<i>Vaishali</i>
	Prof. Kamlesh Shinde	Ass. prof.	<i>Kamlesh</i>	<i>Kamlesh</i>
	Prof. Pragati Jambhulkar	M.Tech	<i>Pragati</i>	<i>Pragati</i>
	Prof. Nitya Makade	M.Tech	<i>Nitya</i>	<i>Nitya</i>
	Aboli Mohitkar	M.Tech	<i>Aboli</i>	<i>Aboli</i>
	Akash Pillawar	M.Tech	<i>Akash</i>	<i>Akash</i>
	Aarati Chapekar	M.Tech	<i>Aarati</i>	<i>Aarati</i>
	Ashwini Balke	M.Tech	<i>Ashwini</i>	<i>Ashwini</i>
	Ashwini Rathod	M.Tech	<i>Rathod</i>	<i>Rathod</i>
	Dharmadip Wasonik	M.Tech	<i>Wasonik</i>	<i>Wasonik</i>
	Dinesh Deshmukh	M.Tech	<i>Deshmukh</i>	<i>Deshmukh</i>



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COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

NAAC Accredited

Department of Electrical Engineering

Nidhi Reddiwale	M. Tech	Nidhi	Nidhi
Rajendra Dattari	M. Tech	RD	RD
Rupali patil	M. Tech	Ratil	Ratil
Sayali Tirukure	M. Tech	Sayali	Sayali
Shivkumar Londhe	M. Tech	Londhe	Londhe
Soniya Pareate	M. Tech	SP	SP
Sudhir Gore	M. Tech	Sudhir	Sudhir
Manoj sing	M. Tech	MSingh	MSingh

(Signature)

HoD-EE

HOD

Electrical Engineering
Tulsiramji Gaikwad-Patil College of
Engineering and Technology, Nagpur.



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

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Department of Electrical Engineering

Session 2016-17

Report on

Two days workshop on " Solar Panel Making and PCB Designing"

Name of Event: Two days workshop on " Solar Panel Making and PCB Designing"

Date of Event: 14/12/2017 - 15/12/2017

Event Co-Ordinator: Prof. Radharaman Shaha, Prof. Pratik Ghutke

Introduction:

Department of electrical Engineering organized two days workshop on "Solar Panel Making and PCB Designing" under V.V.Informatics Private Limited banner. This workshop will explore knowledge about "Solar Panel Making and PCB Designing". This workshop was conducted for two days. Faculty members and M.Tech students are participated in the workshop.

Aim:

Purpose of this workshop is to help student and faculty members to understand the concept of "Solar Panel Making and PCB Designing".

Objective:

1. Exposing participants to the basic principles of power electronics.
2. Providing practical knowledge of power system and power electronics.
3. Enhancing capabilities of participants in practical knowledge.

Event Details:

Mr. Sandeep Sonaskar, V.S.informatics P. Ltd., Nagpur, 2. Mr. Amit Jain Director, BDM, Astral Informatics (P) Ltd. Nagpur conducted the session and explain about Solar Panel Making and PCB Designing. This course included with theory and practical concept of Solar Panel Making and PCB Designing. Practical session was conducted to learn detail about Solar Panel Making and PCB Designing.

Outcome:

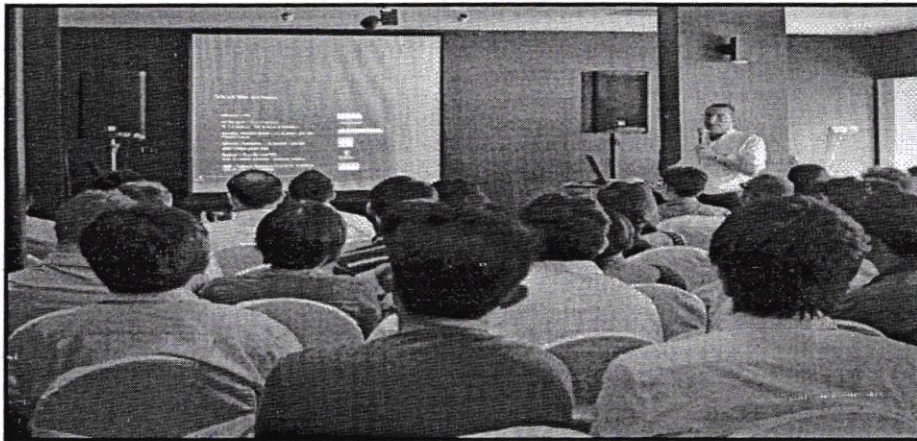
1. Awareness of latest tools and technology
2. Explore topics for research purpose.
3. Hands on Session by industry experts.
4. Getting acquainted with latest trends and technology.



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Principal
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COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR

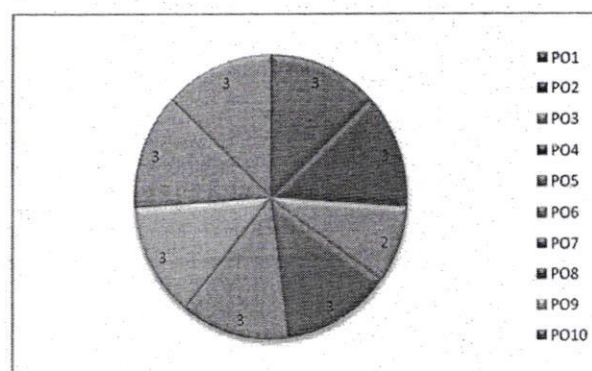
Electrical Engineering
Tulsiramji Gaikwad-Patil College of
Engineering and Technology, Nagpur


Department of Electrical Engineering
Glimpses of Event:-

Two day workshop on Solar Panel Making and PCB Designing
Attainment of POs:

- PO1. Engineering knowledge
- PO2. Problem Analysis
- PO3. Design and development of solution
- PO4. Conduct investigation of complex problems
- PO5. Modern tool usage
- PO9. Individual team work
- PO11. Project Management
- PO12. Lifelong learning

PO Attainment:

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
3	3	2	3	3				3		3	3


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 Tulsiramji Gaikwad-Patil College of
 Engineering and Technology, Nagpur



Vidarbha bahu-uddeshiya shikshan sanstha's

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College of Engineering & Technology

Mohgaon, Wardha Road, Nagpur - 441 108, Tel : 07103-645411/10, Mob.: 09922986173
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E-mail : principal@tgpceet.com, Website : www.tgpceet.com
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Ojaswini Complex,
IT Park Road, Gayatri Nagar,
Nagpur - 440 022
Tel : 0712-664 6252
Fax : 0712-2240656
E-mail: vidarbhabuss@yahoo.co.in,

Date: 14/12/2017

To,
Dr. A.V.Giridhar
Assistant Professor, NIT, Warangal,
Nagpur.

Subject: Letter of Gratitude

Respected Sir,

We are grateful to you for your kind consent as expert speaker for " Solar Panel Making and PCB Designing" We are thankful to you for valuable time that you spared for our students and faculty members.

We highly appreciate and value your presence here as an Expert.

Thank You.

Head of Department
HOD

Electrical Engineering
Tulsiramji Gaikwad-Patil College of
Engineering and Technology, Nagpur.



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



TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology

Wardha Road, Nagpur 441 108 An ISO 9001:2015 Certified Institution

DTE College
Code

4151

Organized by Department of MCA

Workshop for Teaching and non-teaching staff
on

Improve Skill in Personality

from 28th oct to 30th oct 2016



Copy Attested

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

Co-ordinator
Prof. R. Chandekar
MCA

Prof. Prajakta Pande
HoD MCA



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Tulsi Ramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

NACC Accredited

Department of Master of Computer Application

SESSION 2016-2017

NOTICE

Date-22/10/2016

All the Teaching and non-teaching staff members here by inform that the Department of Master of Computer Application conducting professional development program on "**Improve Skill in Personality**" from 28th Oct 2016 to 30th Oct 2016.

Course Duration: from 28th Oct 2016 to 30th Oct 2016

Time of classes: 1.00pm to 2.30pm.

Venue: 4th Floor B Wing "C.V.Raman hall".


Coordinator



Department of MCA


H.O.D. M.C.A.

HOD

MCA Dept

Tulsi Ramji Gaikwad-Patil
College of Engg. & Tech
Mohdason Nagpur

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Principal
TULSI RAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



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

Department of Master of Computer Application

SESSION 2016-2017

Faculty Development Program
Improve skill in personality

Attendance Sheet

Sr.No	Name Of Student	Department	Signature
1	T. P. Rayu.	mca.	T.P.Rju
2	Roshan Chandekar	mca.	-100.
3	N. P. Nadiyung	mca.	sh.
4	Jogesh Wamkar	mca.	Jo.
5	Jiwan Dhehanwar	CSE	Jiwan
6	Anmol. Pande	MBA	Anmol
7	Rayu Babu	CSE	Rayu
8	Prof. Sagar Tarekar	mca	Sagar
9	Rupali Wankhede	mca	Rupali
10	Prashant Kishor	MBA	P.Kishor
11	Deorao.	Civil	Deorao
12	Pravin Kale	C.E.	Pravin
13	Pratul Deo	C.E.	Pratul
14	Amit Rahangdale	MBA	Amit
15	Rahul Dhokare	ECE	Rahul
16	Randheer Thakur	ECE	Randheer
17			
18			
19			
20			
21			
22			
23			
24			
25			

Coordinator

Department of MCA

H.O.D.: M.C.A.

MCA Dept.
Tulsi Ramji Gaikwad-Patil
College of Engg. & Tech
Wardha Road Nagpur



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Principal
TULSI RAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

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Department of Master of Computer Application

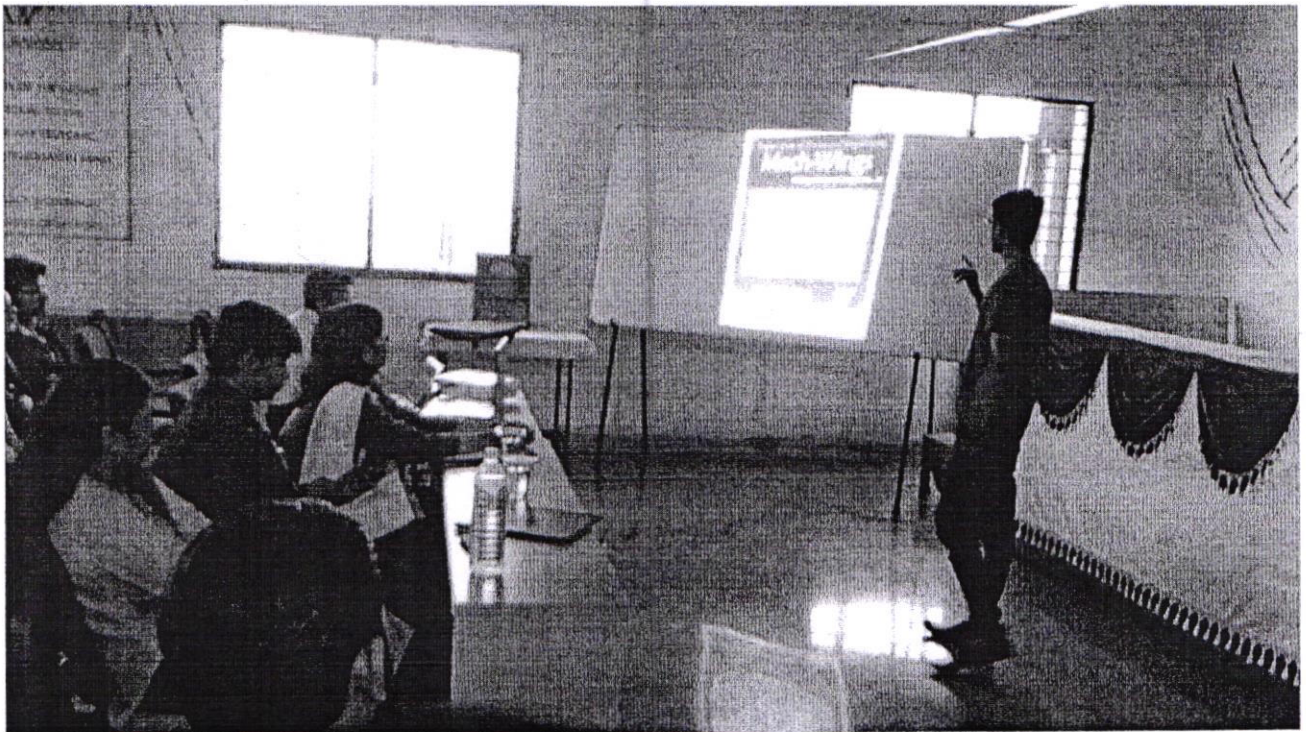
Report

on

"Improve skill in personality"

Date-28/10/2016

Department of Master of Computer Applications under ISTE has conducted Professional Development Program for Teaching Staff and non teaching staff on "Improve skill in personality" at TGPCET, Nagpur.



CAPTION: Improve skill in personality

The task development phases and how to plan the time before arranging how to schedule modulate and making task has been given with the practical knowledge. The working with the team is so importance when the task is huge.

Coordinator

Department of MCA



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H.O.D. M.C.A.

HOD

MCA Dep

Tulsiramji Gaikwad-Patil
College of Engg. & Tech

Principal

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COLLEGE OF ENGINEERING &
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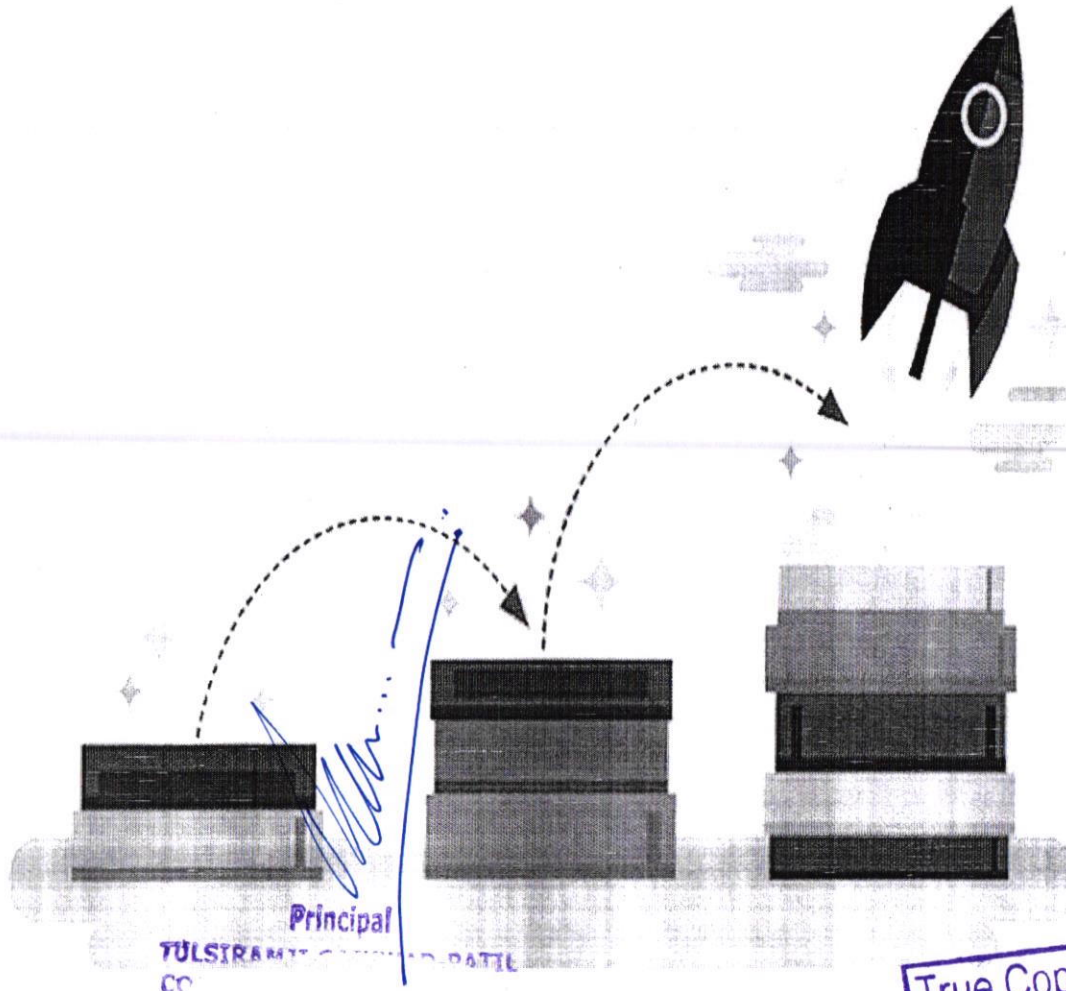
DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION (MBA)

*One Day Workshop for
Teaching
on
"Effective Teaching
Strategies : Key to
classroom Excellence"*

Date - 04 Oct 2016

Venue- B 108 1st Floor, TGPCET
Block II

Time - 10.30 am

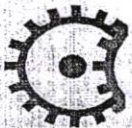


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Co-Ordinator

Prof. Maroti Parasaram Alat





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

Department of Master of Business Administration

Date: 01/10/2016

NOTICE

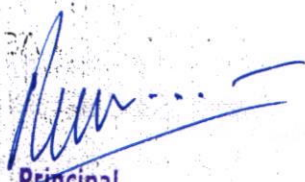
All Faculty Member and students of Master of Business Administration are hereby inform that Master of business Administration is organizing one day workshop on **Effective Teaching Strategies: Key to classroom Excellence** on 4/10/2016. So all the student and faculty member are requested to attend the workshop.


HOD MBA

HOD
MBA Dept.
Tulsiramji Gaikwad - Patil
College of Engg. & Tech.
Mohgaon, Wardha Road, NAGPUR - 441108



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Principal
TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY



Tulsiramji Gaikwad-Patil College of Engineering and Technology
Wardha Road, Nagpur-441108

Department of Master of Business Administration

Session: 2016-17

One Day Workshop on "Effective Teaching Strategies: Key to classroom Excellence"

Attendance Sheet

SR. NO.	Name of Participants	Signature
1	Ankush A. Muthyala	Ankush
2	Swati . P. Theng	Theng
3	Anish . H. Sawai	Sawai
4	Amey . R. Khedi Kar	Amey
5	Jiwan . A. Dehankar	Jiwan
6	Kiran . D. Ghotmare	Kiran
7	Mikita . S. Umare	Mikita
8	Shruti . D. Takeande	Shruti
9	Sondarp. Thakre	Sondarp
10	Smrita . V. Umare	Smrita
11	Snehal . Chandrashekar Khedger	Snehal
12	Masati . P. Alot	Masati
13	Pragat . P. Richa	P. Richa
14	Brinan . V. Jashi	SVJ
15	Prashant . K. Keshisagar	P. Keshisagar
16	Latt . V. Gaikwad	Latt
17	Neha . S. Mishra	Neha



True Copy Attest

Principal
TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, Nagpur

Wardha Road, Nagpur-441108

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HOD

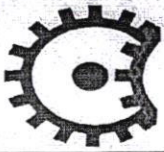
MBA Dept.

Tulsiramji Gaikwad - Patil
College of Engg. & Tech.

College of Engg. & Tech.
Mongaon, Wardha Road, NAGPUR - 441108

Principal

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



Tulsiramji Gaikwad-Patil College of Engineering and Technology
Wardha Road, Nagpur-441108

Department of Master of Business Administration

Session: 2016-17

Report on

One Day Workshop on Effective Teaching Strategies : Key to classroom Excellence

Name of Event: One Day Workshop on Effective Teaching Strategies: Key to classroom Excellence

Date of Event: 04/10/2016

Event Coordinator: Dr.Zafar Ahmad Gulam Zamir Sheikh

Introduction:

Department of Master of Business Administration organized One Day Workshop on Effective Teaching Strategies: Key to classroom Excellence, effective teaching as that which leads to improved student achievement using outcomes that matter to their future success. Defining effective teaching is not easy. The research keeps coming back to this critical point: student progress is the yardstick by which teacher quality should be assessed. Ultimately, for a judgment about whether teaching is effective, to be seen as trustworthy, it must be checked against the progress being made by students.

Aim:

The ability to develop relationships with their students. The most frequent response is that a great teacher develops relationships with students.

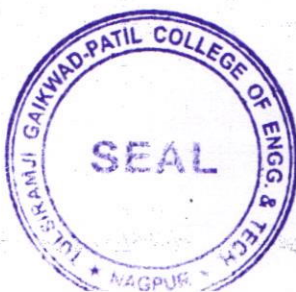
Objective:

5. To explain the ability to develop relationships with their students.
6. To understand knowledge of learners.
7. To understand dedication to teaching.
8. To understand engaging students in learning.

Event Details:

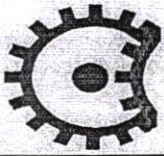
Dr.Zafar Ahmad Gulam Zamir Sheikh has explained the following:

5. The ability to develop relationships with their students
6. Identify knowledge of learners.
7. Dedication to teaching.
8. Engaging students in learning.



True Copy Attest

Principal
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COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441108

Department of Master of Business Administration

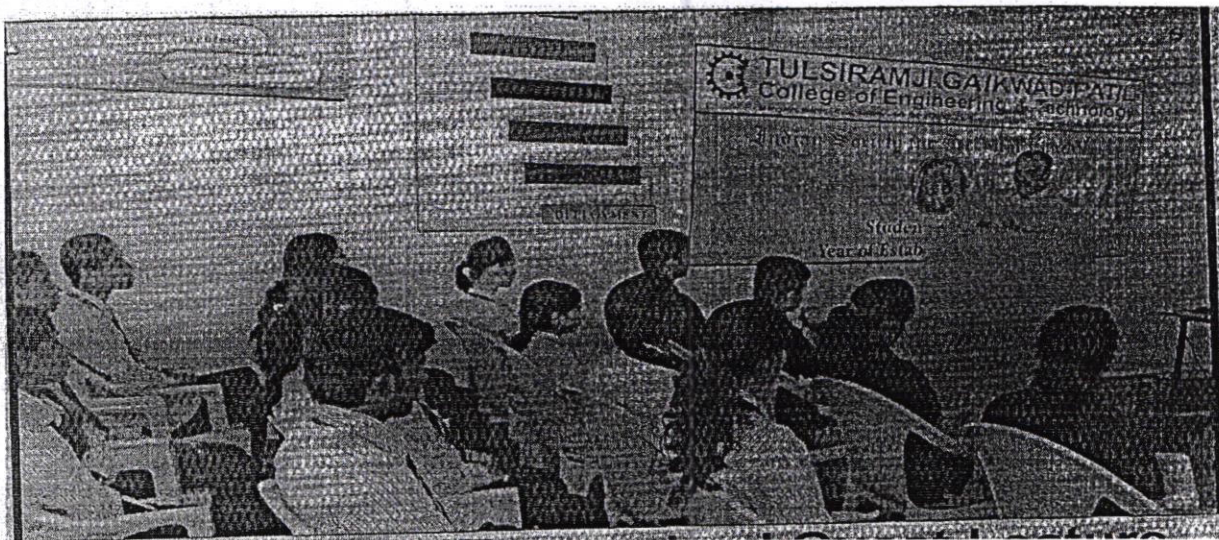
Outcomes:

1. Faculties are able to develop relationships with their students.
2. Faculties are able to enhance the key to classroom Excellence.

Conclusion:

Faculties were considered effective if they were able to address multiple teaching styles, were organized, and clear and honest on what they wanted and expected from the students. Also humor, making personal connections, and providing real life examples and connections were the most common things the participants mentioned as making teachers a good teacher. We were even able to gather that not reading from PowerPoints, being mono-toned, and caring about things were the strongest suggestions from the participants.

Glimpses of Event:



One Day Workshop on Effective Teaching Strategies: Key to classroom Excellence

Zasherkh
Event In charge



True Copy Attest

Only
HOD MBA

HOD
MBA Dept.
Tulsiramji Gaikwad - Patil
College of Engg. & Tech.
Mohgaon Wardha Road, Nagpur-441108
[Signature]
Principal
**TULSIRAMJI GAIKWAD-PATIL
COLLEGE OF ENGINEERING &
TECHNOLOGY, NAGPUR**



TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION (MBA)



Principal

TULSIRAMJI GAIKWAD-PATIL
CO. ENGINEERING &
TECHNOLOGY, NAGPUR

Co-Ordinator

Prof. Snehal Chandrashekhar Khajekar

One Day Workshop for Teaching on "Research Methodology"

Date - 09 Feb 2016

Venue- B 108 1st Floor, TGPCET
Block II

Time - 10.30 am

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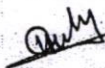
Tulsiramji Gaikwad-Patil College of Engineering and Technology
Wardha Road, Nagpur-441 108

Department of Master of Business Administration

Date: 6/2/2016

NOTICE

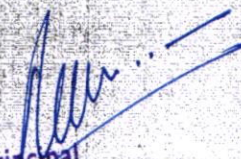
All Faculty Member and students of Master of Business Administration are hereby inform that Master of business Administration is organizing one day workshop on **Research Methodology** on 09/2/2016. So all the student and faculty member are requested to attend the workshop.

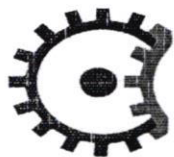

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Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441108

Department of Master of Business Administration

Session: 2016-17

One Day Workshop on "Research Methodology"

Attendance Sheet

SR. NO.	Name of Participants	Signature
1)	Pashni Borell	
2	Mitson Tibhate	
3)	Amey Khediker	
4)	Vijay Bagdi	
5)	Saisurupa Sisikonda	
7)	Jayant Adhikari	
8)	Nikita Umare	
9)	Sandeep Mallare	
10)	Snahi Mendonkar	
11)	Amiya Kumar	
12)	Pratibha Ghetke	
13	Pashni Singh	
14)	Amit Fulsonge	
15)	Chetika Porell	
16)	Drumesh Kumar	
17	Smrit Urkude	
18)	Maroti Alati	
19)	Sriram Jashu	



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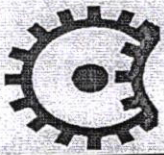
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MBA Dept.
Tulsiramji Gaikwad - Patil
College of Engg. & Tech.,
Nagpur.

Tulsiramji Sahasrabudhe
College of Engg. & Tech.
Wanggaon, Wardha Road, NAGPUR - 441108

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Tulsiramji Gaikwad-Patil College of Engineering and Technology
Wardha Road, Nagpur-441108

Department of Master of Business Administration

Session: 2016-17

Report on

One Day Workshop on Research Methodology

Name of Event: One Day Workshop on Research Methodology

Date of Event: 9/2/2016

Event Coordinator: Dr.G.K.Awari

Introduction:

Department of Master of Business Administration organized One Day Workshop on Research Methodology, is a way to systematically solve a research problem. It is a science of studying how research is done scientifically. It aims to give the work plan of research. It provides training in choosing methods materials, scientific tools and techniques relevant for the solution of the problem.

Aim:

Faculties will be able to define research problem and also be able to formulate and abbreviated version of research proposal

The faculties will be able to select suitable method of data collection and will be able to make questionnaire/ E- questionnaire.

Objective:

1. To explain, what exactly the research is expected to do.
2. To understand the data collection techniques to be used with justification.
3. To understand the sampling plan method which would be such that generalizations from sample to the population is feasible.
4. To understand the data processing and analysis method to be used.
5. To know the time required to carry out the research and cost budget.

Event Details:

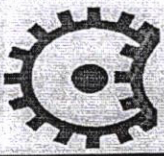
Dr. G. K Awari has explained the following:

1. Explain, what exactly the research is expected to do.
2. To understand the data collection techniques to be used with justification.
3. To understand the sampling plan method which would be such that generalizations from sample to the population is feasible.
4. To understand the data processing and analysis method to be used.



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WARDHA ROAD, NAGPUR-441108



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Wardha Road, Nagpur-441108

Department of Master of Business Administration

5. To know the time required to carry out the research and cost budge

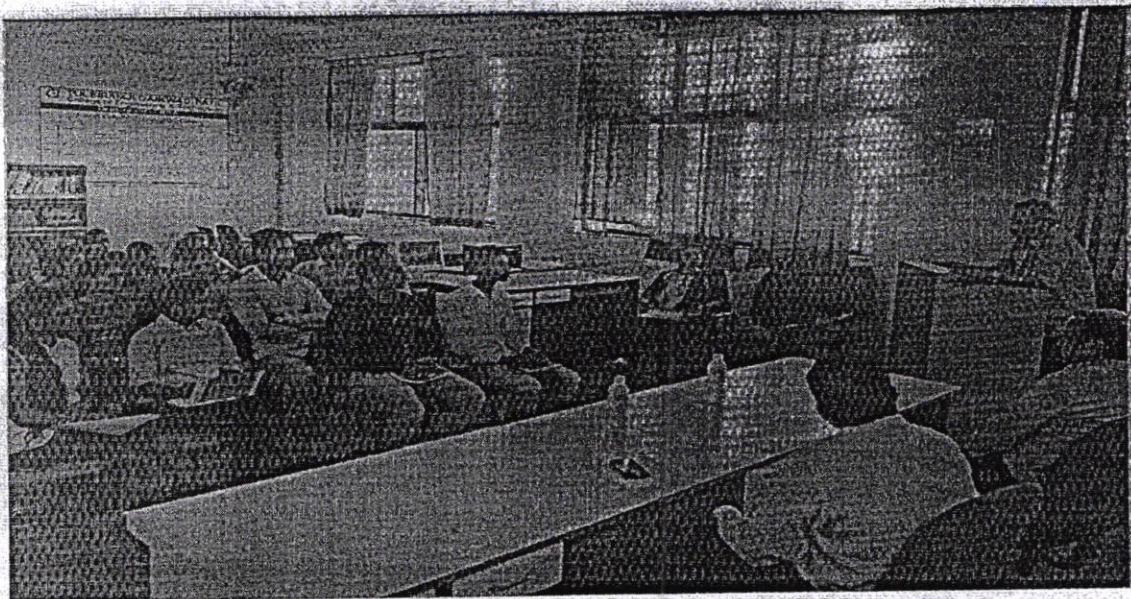
Outcomes:

1. Faculties are able define research problem and also be able to formulate and abbreviated version of research proposal.
2. Faculties are able to select suitable method of data collection and will be able to make questionnaire / E- questionnaire.

Conclusion:

The workshop provided the nature of business problem, its importance and the process of problem definition, research questions and research objectives, research proposal, anticipating outcomes and literature review.

Glimpses of Event:



One Day Workshop on Research Methodology

Chawale
Event In charge



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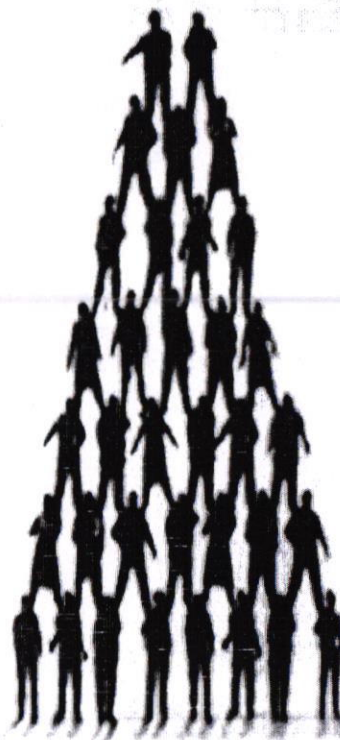
*One Day Workshop for
Teaching
on
"Career
Enhancement"*

Date - 09 Feb 2017

Venue- B 108 1st Floor,

TGPCET Block II

Time - 10.30 am



Principal

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COLLEGE OF ENGINEERING & TECHNOLOGY
WARDHA ROAD, MOHGAON, NAGPUR

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Co-Ordinator

Prof. Pranali Rahate





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Wardha Road, Nagpur-441 108

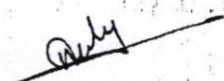
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Department of Master of Business Administration

Date: 7 /2/2017

NOTICE

All Faculty Member and students of Master of Business Administration are hereby inform that Master of business Administration is organizing one day workshop on **Career Enhancement** on 09/2/2017. So all the student and faculty member are requested to attend the workshop.


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Wardha Road, Nagpur-441108

Department of Master of Business Administration

Session: 2015-16

One Day Workshop on "Career Enhancement"

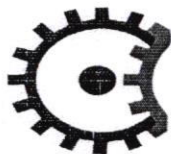
Attendance Sheet

SR. NO.	Name of Participants	Signature
1)	Milind B. Khamgaonkar	Milind
2)	Dipak D. Patil	Dipak
3)	Sonali C. Patil	Sonali
4)	Amey R. Khedkar	Amey
5)	Jivan N. Pichanekar	Jivan
6)	Abhay R. Rautkar	Abhay
7)	Sulbha V. Patil	Sulbha
8)	Arijati L. Chitambar	Arijati
9)	Talot T. Sheikh	Talot
10)	Nilesh M. Makde	Nilesh
11)	Pohini D. Pochhai	Pohini
12)	Sneha V. Padak	Sneha
13)	Shweta A. Kadwe	Shweta
14)	Amrit R. Walekar	Amrit
15)	Smita S. Wankar	Smita
16)	Sriram V. Tashi	Sriram
17)	Nikhil V. Bangde	Nikhil
	Richa R. Richa	Richa



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Department of Master of Business Administration

SR. NO.	Name of Participants	Signature
19)	Snehal. C. Khadge	Snehal

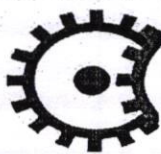

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Department of Master of Business Administration

Session: 2017-18**Report on****One Day Workshop on Career Enhancement****Name of Event:** One Day Workshop Career Enhancement**Date of Event:** 9/2/2017**Event Coordinator:** Dr.G.K.Awari**Introduction:**

Department of Master of Business Administration organized One Day Workshop on Career Enhancement, faculty are primarily responsible for the advancement of their own careers and professional growth, thus, plans for development should be included in their Plan of Work and annual performance reviews. Develop a network of mentors and support within and external to the university.

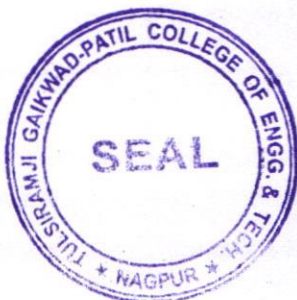
Objective:

1. To explain designed to improve the performance of faculty members in education.
2. To explain research and administration as well as augmenting organizational capacities and culture

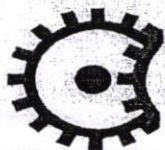
Event Details:

Dr.G.K.Awari has explained the following:

1. Designed to improve the performance of faculty members in education.
2. Research and administration as well as augmenting organizational capacities and culture

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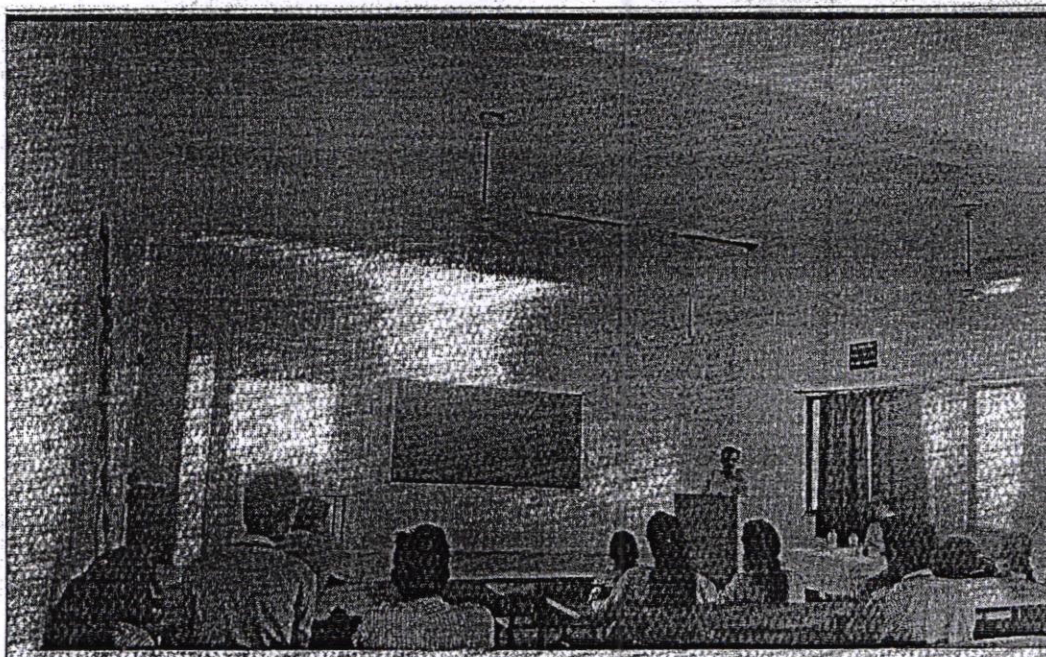
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Outcomes:

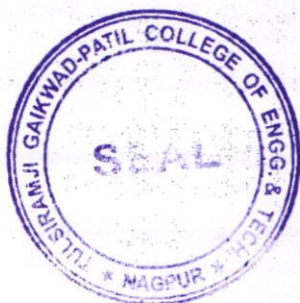
1. Faculties are able to define research problem and also be able to formulate and abbreviated version of research proposal.
2. Faculties are able to select suitable method of data collection and will be able to make questionnaire / E- questionnaire.

Glimpses of Event:



One Day Workshop on Career Enhancement

[Signature]
Event In charge



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[Signature]
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*One Day Workshop for
Teaching*

on

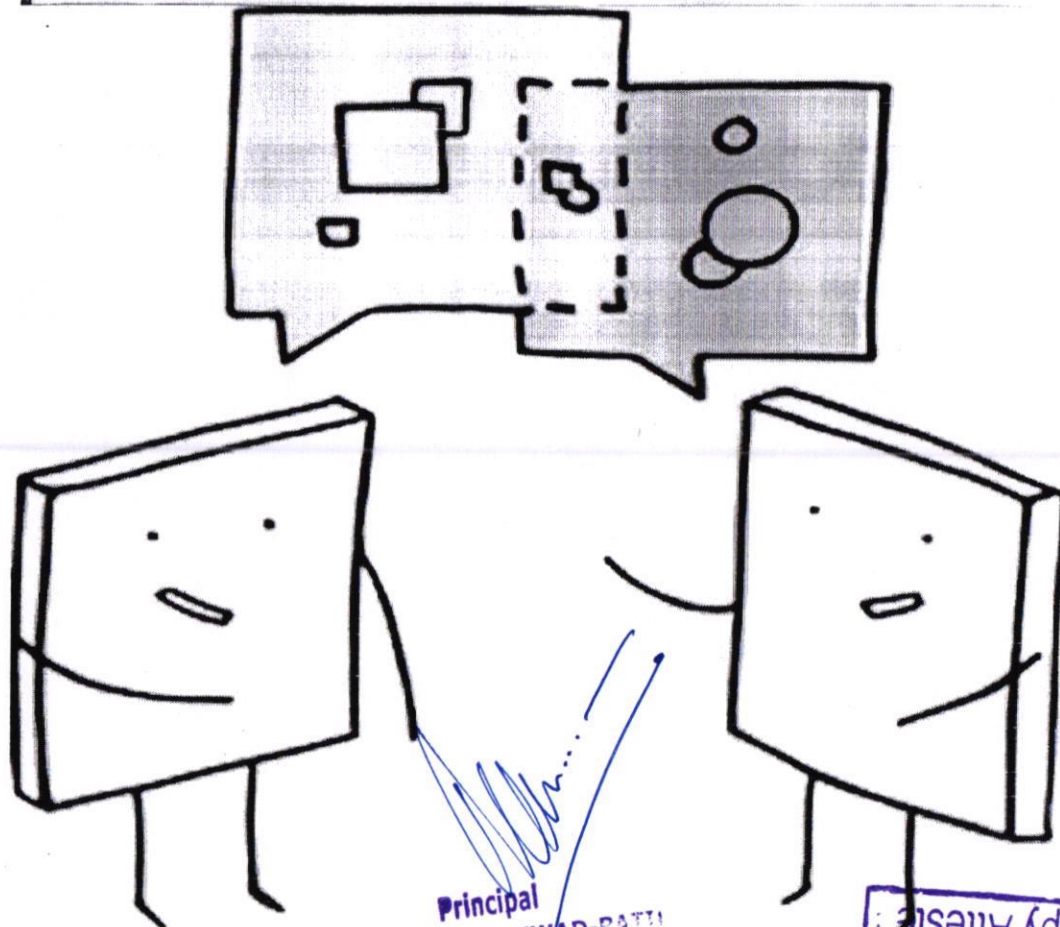
*"pedagogy
development"*

Date - 11 Oct 2017

Venue- B 108 1st Floor,

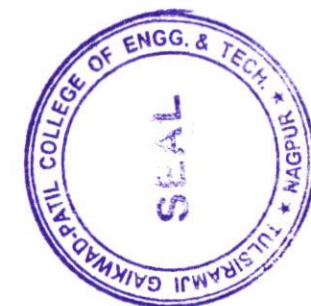
TGPCET Block II

Time - 10.30 am



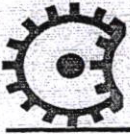
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Co-Ordinator

Prof. Snehal Khadge



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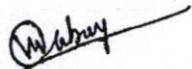
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Date: 07/02/2017

NOTICE

All Faculty Member and students of Master of Business Administration are hereby inform that Master of business Administration is organizing one day workshop on **pedagogy development** on 09/02/2017. So all the student and faculty member are requested to attend the workshop.

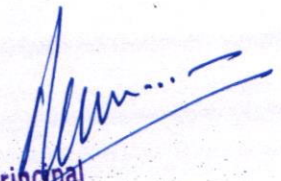

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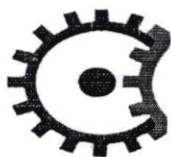
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Wardha Road, Nagpur-441108

Department of Master of Business Administration

Session: 2017-18

One Day Workshop on "Pedagogy development"

Attendance Sheet

SR. NO.	Name of Participants	Signature
1)	Nikesh Pawar	Nikesh
2)	Payal Piprahe	Payal
3)	Kbiyati Bakhori	Kbiyati
4)	Kanchan Gondam	Kanchan
5)	Amey Khedekar	Amey
6)	Dr. Jayaram Nayam	Jayam
7)	Dr. Zafar Ahmad Shu	Zafar
8)	Pooja Jambhulkar	Pooja
9)	Shamada Joshi	Joshi
10)	Varshali Pawar	Varshali
11)	Nikita Umre	Nikita
12)	Roshini Tetani	Roshini
13)	Nikita Malware	Nikita
14)	Gaurav Patam	Gaurav
15)	Sandip Malekar	Sandip
16)	Gireeta Padale	Gireeta
17)	Kanishka Padale	Kanishka
	Anup Gade	Anup



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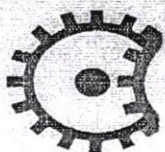
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Department of Master of Business Administration**Session: 2017-18****Report on****One Day Workshop on Pedagogy development****Name of Event:** One Day Workshop Pedagogy development**Date of Event:** 9/2/2017**Event Coordinator:** Dr. Harikumar Naidu**Introduction:**

Department of Master of Business Administration organized One Day Workshop on Pedagogy development, teachers should consider when assessing teaching quality. We list these approaches, skills and knowledge in order of how strong the evidence is in showing that focusing on them can improve student outcomes. This should be seen as offering a 'starter kit' for thinking about effective pedagogy. Good quality teaching will likely involve a combination of these attributes manifested at different times; the very best teachers are those that demonstrate all of these features.

Aim:

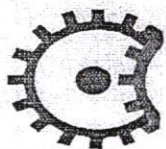
1. What makes 'great teaching'.
2. What kinds of frameworks or tools could help us to capture it.
3. How could this promote better learning.

Objective:

1. To understand the use of formative assessment/test for better growth like making question papers that test higher order thinking skills.
2. To understand using diagnostic tests to identify student weakness,
3. To be able to differentiate between concepts, skills and subject knowledge.
4. To be able to understand importance of Collaborative Research and Innovation start-up,
5. To understand the methodology to inculcate Entrepreneurship skills in the students.

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Department of Master of Business Administration

Event Details:

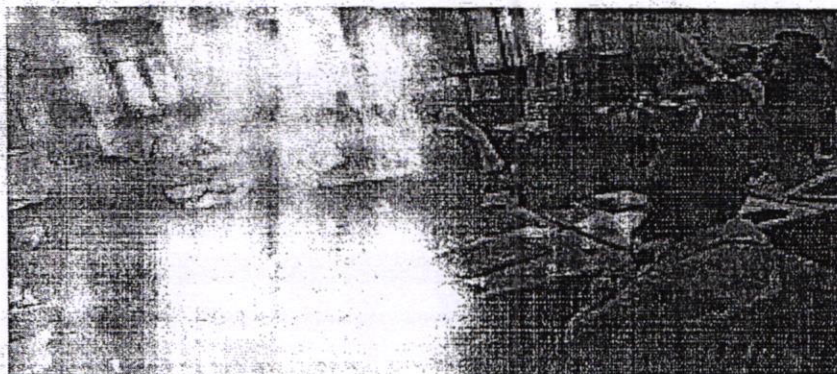
Dr. Harikumar Naidu has explained the following:

1. The use of formative assessment/test for better growth like making question papers that test higher order thinking skills.
2. How to use diagnostic tests to identify student weakness,
3. How to differentiate between concepts, skills and subject knowledge.
4. Importance of Collaborative Research and Innovation start-up,
5. The methodology to inculcate Entrepreneurship skills in the students

Outcomes:

1. Understood the various modules of advanced pedagogy and shall use one of them
2. Understood the various tools of digital pedagogy (like MOOCs) and shall use at least one of them
3. Participate in at least one collaborative research project having identified collaborators from other institute among the participant
4. Will become facilitator for at least one activity for student like placement, entrepreneurship, innovation etc.

Glimpses of Event:



One Day Workshop on Pedagogy development

Imricher
Event in charge

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