

GAYA COLLEGE OF ENGINEERING, GAYA

Govt. of Bihar



MENTOR AND MENTOR INSTITUTE VISIT HELD ON 22ND APRIL 2019



विज्ञान एवं प्रौद्योगिकी विभाग

Department of Science and Technology
Government of Bihar

CONTENTS

S. No	Contents	Page No
01	Institute Profile	03
02	Mentor and Representative of Mentor Institute Profile	04-09
03	Mentor's Report of first visit	10-11
04	Action Taken Report of first Mentor's visit	12-13
05	Schedule of Second Mentor's visit	14
06	Activities during Second mentor's visit	15
07	Minutes of the Meeting	16-18
08	Photographs	19-21

INTRODUCTION

Gaya College of Engineering, Gaya was established on November 19, 2008 by the Government of Bihar (Department of Science and Technology). It is situated at Gaya “The land of Lord Buddha”, nearly 92 km south from Patna. This institution is approved and recognized by AICTE and is affiliated to Aryabhata Knowledge University, Patna. This institute has been selected to run TEQIP – III and aspiring to get NBA accreditation.

➤ Vision of Institute

Gaya College of Engineering, Gaya aims to be a premier technical institution through pursuit of excellence in teaching, research and innovation for inclusive and sustainable development of the nation and the region in particular by nurturing and developing competent technical man power.

➤ Mission of Institute

1. To impart quality education in engineering and emerging disciplines.
2. To encourage the faculty for enhancing their capabilities.
3. To inculcate spirit of entrepreneurship and innovation.
4. To achieve excellence in emerging technologies.
5. To continuously strive for professional ethics and social values.

➤ Address:

Srikrishna Nagar, Via – Buniyadganj , PO – Nagaryama, P.S – Khizarsarai, Distt – Gaya, Bihar - 823003

➤ **Website Link:** <http://gcegaya.ac.in/>

➤ **Email:** nirmalmit@rediffmail.com

➤ **Principal Name:** Dr. Nirmal Kumar; Mob: + 91 – 7004798528

➤ **No of Faculty = 44** (31.8 % of total faculty are Ph.D)

➤ **Total No of students:** 1010

➤ **Teacher students ratio = 23:1**

➤ **Total Land Area = 83.7 acres**

➤ **Discipline : 04**

Civil Engineering, Computer Science & Engineering, Electrical & Electronics Engineering and Mechanical Engineering

➤ **Intake Capacity:**

First year: $63 \times 4 = 252$, Lateral Entry in second year: $12 \times 4 = 48$

MENTOR PROFILE

N C Shivaprakash

Department of Instrumentation and Applied Physics
Indian Institute of Science, Bangalore - 560 012 India

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(080) 2293 2242 (Off)
(080) 2360 1270 (Res)
Fax : (080) 2360 0135

E-mail : shiv@iap.iisc.ernet.in
shivaprakash@iisc@gmail.com



Personal: Date of birth : June 4, 1955
Health : Good
Marital status : Married, one daughter
Citizenship : Indian

Professional objective : Research, Development and Teaching

Education : Ph D (Physics) : Mysore Univ 1982
M Sc (Physics) : Mysore Univ 1978 [*I Class, I Rank*]
B Sc (PCM) : Mysore Univ 1976 [*I Class, Distinction*]

Experience : 1983 - tilldate IISc, Bangalore.
1982 - 1983, Mysore Univ Lecturer.
1980 - 1982, UGC (India)-Senior Research Fellow.
1978 - 1980, CSIR (India)-Junior Research Fellow.

Awards, Medals & Recognition:

- ◆ **Young Scientist** Award by Karnataka Association for the Advancement of Science
- ◆ Prof N A Nikam Science **Gold Medal**
- ◆ Prof S B Bandade **Gold Medal**
- ◆ Dr S Pancharatnam **Gold Medal**
- ◆ Sri Purna Krishna Rao **Gold Medal**
- ◆ Sri Sidlaghatta Rama Rao **Gold Medal**
- ◆ Indian Crystallographic Association: **Treasurer** (2000 - 2007)

- ◆ Graduate Aptitude Test in Engineering (GATE):
 - Vice-Chairman** (2001 - 2002)
 - Secretary** (2000 - 2001)

- ◆ Instrument Society of India:
 - Editor** (1995 - 2000)
 - General Secretary** (1991 - 1995)
 - Treasurer** (1989 - 1991)

Expert member(National) :

INDEST National Advisory committee (2015 -
INDEST National Steering committee (2015 -
Mentor for North East QIP Institutions (2014 -
Joint Review Mission, TEQIP, MHRD, New Delhi (2013 -
Chairman Visiting team, NBA, New Delhi (2013 -
Mentor- TEQIP Institutions, MHRD (2013 -
Performance Auditor - TEQIP Institutions , MHRD (2013 -
National Evaluation Committee, TEQIP, MHRD, New Delhi (2010 -
National Assessment and Accreditation Council, Bangalore (2010 -
Scrutiny Committee, AICTE, New Delhi (2010 -
Approval Committee, AICTE, New Delhi (2009 -
Hearing Committee, AICTE, New Delhi (2009 -
Deemed University Committee, UGC, New Delhi (2008 -
Review Committee, UGC, New Delhi (2008 -
National Board of Accreditation, New Delhi (2007 - 2013)

Senate (External Member):

National Institute of Technology, Surat (2013 -
National Institute of Technology, Bhopal (2010 - 2012)

Academic Audit Chairman Academic Audit committee:

National Institute of Technology, Patna (2015)
National Institute of Technology, Silchar (2014)
National Institute of Technology, Surat (2013)

Governing Council member:

PSNA College of Engineering, Dinugal (2015 -
GTEC, Vellore (2013 -

Academic Council member:

AITAM, Tekkali, Andhra Pradesh (2015 -
G H Raisonni College of Engineering, Nagpur (2015 -
NMIMS, University, Mumbai (2014 -
YCCE, Nagpur (2013 -

Expert Member(Karnataka State):

Member,EC Karnataka Rajya Vijnana Parishat (2013 -
Member of Consultancy Projects KSCST (2013 -
Laboratory Committee, KSPCB (2007- 2009)
Procurement Committee KSPCB (2007 -
Evaluation Committee, Karnataka State Council for S and T (2008 -
Chairman, SPP committee, KSCST (1997 -

Academic Responsibility:

- Graduate day address at K S Rangaswamy College of Technology, Tiruchengode, Tamil Nadu on 22 February, 2015
- Key note address at the 2nd IEEE International Conference on MOOCs, Innovation and Technology in Education organised by IEEE computer society at Patiala during 19-20 December 2014
- Key note address at State level Science fair organized by SVC group, Madurai on 26 January 2014.
- Key note at the International Conference (ICETET), organised by IEEE society at Hemeji, Japan during 3-5 November 2012.
- Graduate day address at Jayaram college of Engineering and Technology, Tiruchi on 3 April 2010.
- Graduate day address at Lakshmi Aamaal Engineering college, Chennai on 7 March 2012.
- Chaired many sessions at International and National conferences in India and abroad.
- Participated and presented papers in International and National conferences.
- 35 years of research experience in Development of a high pressure DTA and Microprocessor, Microcontroller and PC based Instruments, X ray crystallography. Crystal structure analysis of organic materials. Single crystal X ray diffractometry.
- Delivered many **invited** talks at different Universities and Institutions in India and abroad.
- Participated and presented papers in International and National conferences.
- Coordinator and/or Faculty of many advanced short term courses sponsored by UGC, AICTE
- IEEE (Student chapter); trained over **1500 teachers and students**

Organization of symposia and conferences:

Convener, ICHE-07, held at IISc Bangalore during 12-14, July, 2007.

Member, Local Organising Committee -

AsCA-01 held at IISc, Bangalore during 18-21, Nov, 2001.

IUMRS-ICA 98 held at IISc, Bangalore during 13-16, Oct, 1998.

Coordinator for National Symposium on Instrumentation (NSI) -

NSI 20 held at University of Osmania, Hyderabad during 25-28, Sep, 1995.

NSI 19 held at University of Karnatak, Dharwad during 08-11, Nov, 1994.

NSI 18 held at Sri Venkateswara University, Tirupati during 09-12, Jan, 1994.

NSI 17 held at University of Gauhati, Guwahati during 17-20, Nov, 1992.

NSI 16 held at Cochin University of Science & Technology during 07-10, Nov, 1991.

- Involved in conducting the IISc Entrance, GATE, KVPY & JMET examinations for the past 30 years

Dr. Vikas M. Phalle Associate Professor, Mechanical
 Engineering Department Professor In-charge Training and
 Placement Officer & QIP Coordinator Veermata Jijabai
 Technological Institute, Matunga, Mumbai-400 019
 Email: vmphalle@vjti.org.in, www.vjti.ac.in (m) 09819818084 (o)
 022-024198121, 24198225



1. Educational Qualifications :

- | | | | |
|--------------------------------|-------------|------|--------------------------------|
| • Ph.D. | Mechanical | 2011 | I.I.T. Roorkee |
| • M.E. (I st Class) | Mech. Engg. | 2004 | VJTI Mumbai University, Mumbai |
| • B.E.(I st Class) | Mech. Engg. | 1993 | Shivaji University, Kolhapur |

2. Positions Held:

1 st Aug. 2014 to till date	Prof. In-charge Training and Placement	V.J.T.I. Mumbai
1 st Aug. 2012 to 31 st July 2014	Head, Mech Engg. Dept.	V.J.T.I. Mumbai

3. Area of Research : Machine Design, Tribology, Bearing and Vibration, Design of Experiments

4. Teaching / Research Experience: 23 years

5. Research Publications:

(i)	International Refereed Journals	-	17
(ii)	National Refereed Journals	-	01
(iii)	Proceedings of International conferences	-	43
(iv)	Proceedings of National conferences	-	07
Total number of publications			68

6. Research Guidance :

	<u>Awarded</u>	<u>In Progress</u>
Ph. D.	02	08
M.Tech.	47	06
B.Tech.	30	01

7. Courses Taught:

PG Level:

Course

M. Tech. (SEM-II)	Design of power transmission system
M. Tech. (SEM-II)	Design of power transmission system for automobile
M. Tech. (SEM-II)	Advance Machine Design
M. Tech. (SEM-I)	Tribology

UG Level:

B.E. (SEM-VII/VIII)	Machine Design I, Machine Design II
T.E. (SEM-V/VI)	Engineering Design, Theory of Machine, Design of Machine Elements, Mechanical Vibration
S.E. (SEM-III/IV)	Machine Drawing, Kinematics of Machinery
S.E. (Sem-V) Prod.	Theory of Machine

8. Fund Generation MODROB/QIP/Consultancy/Testing: (19)

Sr N	Particulars	Remark
i)	Global Initiative of Academic Networks (GIAN) MHRD Scheme <ul style="list-style-type: none"> Industrial Tribology Robotics for Human Movement Training 	Completed
ii)	Trailer Design, RTO Mumbai- Amount – Rs. 0.20 lakhs Year 2016	Completed
iii)	R & D Grant of 1.5 for “Antifriction bearing” research work under TEQIP-II	Completed
iv)	R & D Grant of 4.5 for “Investment casting” research work under TEQIP-II	Completed
v)	RPS Grant from AICTE New Delhi for “Experimental and CFD performance analysis of hydrodynamic cylindrical /conical journal bearing” 22.69 Lacs (8-221/RRFD/RPS/policy-1/2014-15)	(In-progress)
vi)	Travel Grant for presenting paper at Dallas from DST, New Delhi 1.35 Lacs and 0.75 from VJTI Matunga Mumbai (ITS/0528/2015-2016)	Completed
vii)	Trailer Design, RTO Mumbai- Amount – Rs. 0.10 lakhs Year 2014	Completed
viii)	Approval of stability calculation for PIT cleaning cum QC unit on EICHER 10.80 Chassis, M/s IPWT Corporation Govandi (w), Mumbai. Amount Rs 0.33 Dated 22/12/2014	Completed
ix)	Fund for QIP Center from AICTE New Delhi 46.50 Lacs Year 2014-15	Completed
x)	Fund for QIP Center from AICTE New Delhi 52.50 Lacs Year 2013-14	Completed
xi)	FDP courses 0.60 lakhs Year 2013-14,	Completed
xii)	Through MOU with M/s. Star Coolers & Condensers Ltd. (Jalgaon) 3.0 Lacs year 2013-14	Completed
xiii)	MODROB for Machine Dynamics and Vibration lab 17.50 Lacs year 2013- 14. (12/AICTE/RFID/MOD(POLICY-2)-128/2012-13)	Completed
xiv)	MODROB for Measurement Lab from 11.00 Lacs year 2013-14 (12/AICTE/RIFD/MOD(POLICY-2)-125/2012-13)	Completed

xv)	Travel Grant for presenting paper at Detroit from AICTE, New Delhi USA 1.20 Lacs (F. No. 10-6/AICTE/RIFD/TG/POL-1/2013-14 Dated 05/03/2014). and 0.75 from VJTI Matunga Mumbai	Completed
xvi)	Travel Grant for visiting South Africa universities and University of Mauritius 3.75 lacs TEQIP-II	Completed
xvii)	Rashtriy Industries 1.86 lakhs June 2012,	Completed
xvii)	Training course, IOCL, Mumbai, Amount – Rs. 12.00 lakhs. Year 2004-2007	Completed
xix)	Trailer Design, RTO Mumbai- Amount – Rs. 6.00 lakhs. Year 2002-2007	Completed
xx)	<i>Project</i> Design analysis for 300 litre storage drums, <i>Client-</i> M/s Time Packaging Ltd., Mumbai, <i>Description</i> -This involves analysis and testing of 300 lit drums for patents infringement.	Completed
xxi)	<i>Project</i> Quick connect Dry break Couplings <i>Client-</i> M/s OPW Fluid Transfer Division, Mumbai, <i>Description</i> Involves Technical Evaluation of Quick connect Dry break Couplings. (New Product development) <i>Status-Year</i> 2008	Completed

MENTOR'S REPORT OF FIRST VISIT

Name of University: Gaya College of Engineering, Gaya, Sri Krishna Nagar - 1.1 (Gaya)

Mentor Report

Name of Mentor	PROF. N. C. SHIVAPRAKASH
Name of Institution with Location	Name of University: Gaya College of Engineering, Gaya, Sri Krishna Nagar - 1.1 (Gaya)
Number of Visits	1
Date of Visit	22/10/2018

Strength:

1. Bihar Public Service Commission and NPIU have provided required faculty members , 2. Proactive Governing body and Principal

Weakness:

1. Physical Infrastructure, 2. 2. Laboratories

Actions taken on last recommendations (from second round onwards):

S.No.	Outcome Parameters	Actions Suggested	Compliance
1	Effectiveness of funds utilized	-	-
2	Improvement in Teaching, Learning and Research competence	-	-
3	Implementation of AICTE mandate	-	-
4	Increasing faculty productivity/ motivation	-	-
5	Effectiveness of equity at Institutional level	-	-
6	Improved system efficiency	-	-
7	Twinning Activities	-	-
8	Others	-	-

Comments on Performance Audit report:

1. NBA Accreditation of eligible programmes 2. Practice Outcome based Education 3. Create Innovation centre 4. Active networking with mentor Institution VJTI Mumbai 5. Improve the bandwidth of the internet for accessing SWAYAM , NPTEL etc.,

Actions suggested for future:

S.No.	Outcome Parameters	Actions Suggested	Compliance
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1	Effectiveness of funds utilized	Suggested to complete the procurement	31/03/2019
2	Improvement in Teaching, Learning and Research competence	Make use of Moocs (SWAMYAM AND NPTEL)	30/06/2019
3	Implementation of AICTE mandate	Internship	30/06/2019
4	Increasing faculty productivity/ motivation	Arrange pedagogy and domain finishing schools	31/12/2019
5	Effectiveness of equity at Institutional level	organise Equity Assurance programmes for Academically, financially weak students	31/03/2020
6	Improved system efficiency	Good MIS and ERP to be implemented	31/01/2019
7	Twinning Activities	More workshop, seminars, conferences, internships, Industry interaction with Mentor Institute	30/09/2020
8	Others	Create an eco system for self study	-

Any Innovative approach practiced by the Institution:


Encourage Innovation among students. Research culture among faculty members, Find methods to improve employability

Any other comment:

TEQIP project is culture and by the end of the project accreditation of as many programmes as possible. Make students to take up some projects relevant to local issues

Remarks:

Signature



ACTION TAKEN REPORT OF FIRST MENTOR'S VISIT

The meeting convened in response to the direction given by NPIU in the light of report submitted (to NPIU) after Performance Audit (held during 17th – 19th August 2018). Mentor and Prof. Awale discussed different issues with the faculty members of GCE, Gaya. The actions taken regarding the Minutes of that meeting are given below:

S.N.	Minutes of Meeting	Action Taken
1.	All HODs should submit upcoming annual procurement plan for utilizing Rs. 1.5 Crore	Procurement Plan has been uploaded on PMS for 6.0 Cr from all departments.
2.	On the recommendation of mentors, each department must have to spend maximum Rs. 10000000/- (One Crore Rupees) and remaining 2 Crore from total amount allotted for central facilities in the institution in their upcoming annual procurement plan.	The Procurement plan from each department was submitted and approved in 5 th and 6 th BOG meeting held in the month of December 2018 and in the month of March 2019, and the procurement is under process.
3.	All HODs should send the list of 20 students for internship to the VJTI, Mumbai (Mentor Institute).	Students from EEE department are already visited to VJTI for internship, and the students from other departments have planned to visit VJTI in the upcoming summer vacation.
4.	It is discussed that the Institute members can spend amount up to Rs. 15000 /-(Fifteen Thousand) for purchasing consumable items without quotations from TEQIP-III funds.	Procurement of consumable items has been purchased as per requirement.
5.	The Institute is advised to take permission from BOG for taking membership of different Journals for each faculty annually.	Subscription of the Journal Springer-Link has been procured.
6.	All departments HODs and Nodal officers should present their quarter report to mentors with 10 minutes PPT.	The PPT of HODs and nodal officers are scheduled during the ongoing mentor visit.
7.	All departments HOD's are advised to schedule two weeks' internship for pre final and final year students.	The internship is scheduled during the upcoming summer vacation.

8.	Startup committee coordinator is advised to schedule workshop and expert lectures related to startup for students.	The Startup Coordinator organized the two workshops and two online expert lectures at GCE, Gaya.
9.	The Institute TPO is advised to scheduled industry institute interaction programs.	The industry personnel and TPO was interacted at Patna in the Industry Interaction Meeting with Principal Secretary DST, Bihar held on 12.03.2019.
10.	All departments HODs should schedule action plan for completion of some final year students' projects under the guidance and support of the Mentor institute.	The Project is already assigned to final year students by the HODs of all the departments and the collaborative research work is planned with Mentor institute.
11.	The institute is directed to send 13 faculty members from GCE Gaya to visit VJTI, Mumbai under twinning program for filing SAR (NBA accreditation).	The faculty members of GCE, Gaya are already visited at VJTI in the month of October-November 2018. The SAR (NBA accreditation) already filed under the guidance of VJTI in the month of December 2018.
12.	It is advised to attend workshop on "Mathematics in Engineering – A Student Driven Pedagogical Endeavour" at IIT Mumbai on 26 th October, 2018 to 29 th October, 2018.	Some of faculty members were attended the Workshop at IIT Mumbai while the visit of VJTI, Mumbai.
13.	It is advised to attend one-day conference on "Innovations in Cyberspace" on 29 th October 2018 organized by DRDO, New Delhi.	Since the faculty members were present at VJTI Mumbai, therefore no one able to attend the said conference.
14.	It is advised to prepare annual twinning action plan between VJTI, Mumbai and GCE, Gaya.	The Twinning action Plan between GCE, Gaya and VJTI Mumbai has been planned as submitted to SPIU.

SCHEDULE OF SECOND MENTOR'S VISIT

Date: 22/04/2019

10:00 am to 10:30 am	Welcome to the Guests
10:30 am to 11:00 am	Power point presentation by Principal
11:00 am to 11:30 am	Presentation by TEQIP Coordinator
11:30 am to 12:00 pm	Presentation by Nodal officer (Academic)
12:00 pm to 01:00 pm	Interaction of Mentor and representative of Mentor Institute with faculty members
01:00 pm to 02:00 pm	Lunch break
02:00 pm to 04:00 pm	Discussion of Mentor and representative of mentor institute with NBA Coordinator and Committee members.
04:00 pm to 05:30 pm	Exit meeting of Mentor and representative of mentor institute with Principle, TEQIP Coordinator, Nodal officers and Twinning Coordinator about the planning of future twinning activities.

ACTIVITIES DURING SECOND MENTOR'S VISIT

1. Power point presentation by the Principal

During the power point presentation, Dr. Nirmal Kumar (Principal, GCE Gaya) has given a brief introduction about the college and the overall achievement of the college through TEQIP was also explained.

2. Presentation of TEQIP Coordinator

Prof. Saeb Sufyan (TEQIP Coordinator) presented about different activities in the college under TEQIP.

3. Presentation of Nodal officer (Academic)

Dr. Kashid Vitthalrao Swamirao (Nodal officer - Academic) delivered a talk regarding the academic activities at GCE Gaya

4. Interaction of Mentor and representative of Mentor Institute with faculty members

During the interaction the faculty members share their thought regarding their planning of different activities at GCE Gaya.

5. Discussion of Mentor and representative of mentor institute with NBA Coordinator and Committee members.

During this session the NBA Coordinator and Committee members clarify their queries regarding NBA with the discussion with Mentor and representative of mentor institute with NBA Coordinator.

6. Exit meeting of Mentor and representative of mentor institute

In the Exit meeting the Mentor and representative of mentor institute share their thoughts about today's meeting and give some suggestions about future activities like organizing international conference at GCE Gaya, internship of students etc.

MINUTES OF THE MEETING WITH PROF. N.C. SHIVAPRAKASH (MENTOR, IISC BANGALORE) AND PROF. V.M. PHALLE (VJTI MUMBAI) HELD ON APRIL 22ND, 2019

The second meeting of mentoring convened in response to the direction given by NPIU. Mentor Prof. N.C. Shivaprakash and Prof. V. M Phalle discussed different issues with the following members of faculties.

1. Dr. Nirmal Kumar (Chairman)
2. Md. Saeb Sufyan (Member)
3. Dr. Kashid Vitthalrao Swamirao (Member)
4. Mr. Ashish Kumar (Member)
5. Dr. Shashank Tripathi (Member)
6. Mr. Santosh Kumar (Member)
7. Dr. Biplab Goswami (Member)
8. Mr. Mrinal Ranjan (Member)
9. Mr. Ranjeet Kumar Choudhury (Member)
10. Mr. Om Prakash Sudhanshu (Member)
11. Ms. Kahkashan kauser (Member)
12. Dr. Amol Bhute (Member)
13. Dr. Prashant Singh Chauhan (Member)
14. Mr. Suryakant Kumar
15. Mr. Kailash Kumar Mahto (Member)
16. Mr. Jeetendra Kumar (Member)
17. Mr. Onkar singh (Member)
18. Mr. Danvendra Singh (Member)
19. Md. Aslam (Member)
20. Mr. Prabhakar Kumar (Member)
21. Mr. Pankaj Kumar (Member)
22. Mr. Sanjeev Ranjan (Member)
23. Mr. Ashish Ranjan (Member)
24. Mr. Manoj Kumar (Member)
25. Mr. Mrityunjay Kumar (Member)

26. Dr. Deepak Kumar Sinha Ambast (Member)
27. Mr. Rahul Kumar (Member)
28. Mr. Hrishikesh (Member)
29. Mr. Raushan Ranjan (Member)
30. Mr. Ritesh Kumar (Member)

The Mentor Prof. N.C. Shivaprakash and Prof. V.M. Phalle gave the following directions:

1. The mentors advised to procure the perpetual software license agreement in the process of procurement of software
2. Free wifi service by National Knowledge Network (NKN) should be explored
3. Server Installation at college level could be through cloud servers.
4. Advised to use NDL (National Digital Library) of IIT Kharagur
5. Advised to create incubation center.
6. Advised to explore e-Shodh Sindhu for e-journal access and e-Shodh Ganga for thesis and project report access.
7. Subscription of DELNET through the TEQIP-III funds.
8. Try to pay the fee regarding NBA SAR filling of other remaining programmes before the ending of the TEQIP-III Project.
9. Industry Interaction Program: Nominate at least 10 students from each branch to send to VJTI, Mumbai in the summer vacation and a detailed write-up may be submitted by the students after completion of the internship.
10. Any Faculty member wants to do research work in any specific area they may also visit to VJTI, Mumbai.
11. GCE, Gaya should plan one-day industry-interaction conclave, one day alumni conclave or one-day placement conclave with the help of VJTI, Mumbai.
12. All HOD's of GCE, Gaya may contact to HODs of VJTI, Mumbai for improvement of academics.
13. Equity coordinator and academic coordinator are advised to make a plan to improve transition rate.
14. Mentoring of students is important, GEC may adopt the peer mentoring concept of IIT Mumbai and for Student mentors the certificates may be issued.
15. Equity Assurance Plan should be prepared and implemented by the equity coordinator.
16. An Outcome Based Research Proposal may be prepared with the involvement of students and try to file the patent after completion of the project.
17. Innovation center may be established.
18. The second year, third year and final year students may start doing the project jointly and interdisciplinary projects may be encouraged.

19. All the faculty members are advised to complete their PhD program and who did not enrolled yet they are advised to get enrolled for PhD as per norms.
20. Environmental coordinator is advised to prepare a plan (water treatment, solid waste management etc.) and execute it appropriately with in the timeline even for the new building.
21. Department of EEE is advised to prepare a plan for energy audit by involving the students as a project.
22. Workshop on Ethics may be allowed.
23. VJTI, Mumbai will help in the planning of International Conference and mentor and mentee institutes should do it jointly.

During the meeting with NBA Committee it is advised that all the related documents related to NBA SAR be prepared on or before 10.05.2019, and get audited by 2 members of internal committee and it may be also audited by the mentor and mentor institute.

In Exit meeting following point were discussed:

1. Enhance twinning activities for students, faculty and staff members.
2. Plan for as many as possible students, faculty and staff to visit the VJTI, Mumbai.
3. Twinning will be in the form of combined project of mentor and mentee institute.
4. International conference could be organized in October, 2019.
5. Try to start the research culture and motivate for students to publish some research papers and all the faculty members are advised to write at least one research paper and get published in any reputed journals.
6. Transition rate should be improved.
7. The mentee institute is advised to send the invitation mail to visit VJTI, Mumbai in coming summer vacation for planning of conference and improve the infrastructure.
8. Institute is advised to take membership of some professional bodies like ISTE, AISCE, IEEE etc. and after taking the membership organize at least one-day activity..
9. Plan one international conference for each department before the end of the project
10. Plan for procurement to more than 6 Cr as some may drop out later.

The meeting came to its end after vote of thanks.

PHOTOGRAPHS



Power point presentation by Principal



Group Photograph



Group Photograph