

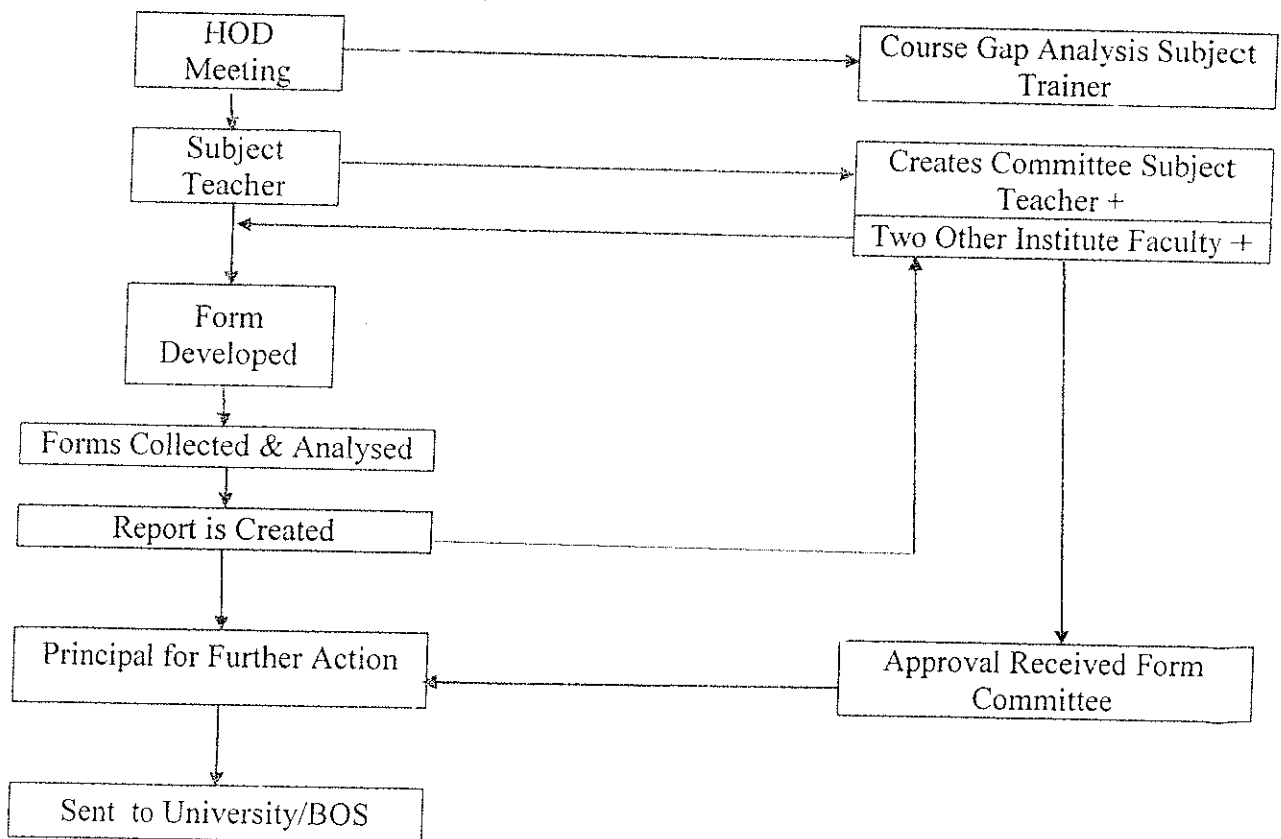


Vishwaniketan's

Institute of Management Entrepreneurship & Engineering Technology

[iMEET]

Structure for Course Analysis



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Analysis of Feedback by Students on Syllabus

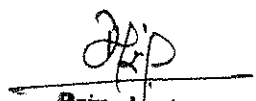
Mumbai University, updated the syllabus of all subjects streams in the academic year 2018-19. Student's feedback on the current syllabus was collected in the year 2020-21. There are 6 departments in the college and college decided to choose 400 students randomly. The data were collected with the help of a structured questionnaire.

Feedback forms of students on current curriculum (Academic Year 2018-19)

Sr. No	Particulars	Response in %		
		Agree	Somewhat Agree	Disagree
		A	B	C
1	Syllabus is relevant to the branch of engineering I am admitted into-	270	119	14
2	Curriculum is connected and flowing from the knowledge gained in previous semesters-	232	148	24
3	Sufficient study materials covering the syllabus are available	168	163	69
4	Course imparts me inter-disciplinary knowledge and exposure	178	175	47
5	1. Syllabus is up to the mark in comparison with reputed national and international universities-	169	163	72
6	Curriculum is up to the mark with industry standards	181	164	60
7	Course covers the latest developments in the outside world	155	183	63
8	Syllabus prescribed is practical oriented	158	172	68
9	I am able to apply the theoretical knowledge gained to implement the projects included in the syllabus-	189	155	55
10	I am capable to analyse the problems by searching the literature and find out the appropriate solution to engineering problems-	213	105	42
11	Assessment and examination pattern in the curriculum is adequate and relevant-	172	154	43

Most of the students are of the opinion that the syllabus is interesting with a good link between the chapters. Few of the students felt that more reference books could be made available. Overall, the syllabus was able to meet the expectations of the students. The responses received from the respondents, 68 % respondents agreed that Syllabus is relevant to the branch of engineering. 42% respondents sufficient study materials covering the syllabus are available. 53% respondent's opinion that to analyze the problems by searching the literature and find out the appropriate solution to engineering problems. 43% of the respondents felt that the assessment and examination pattern in the curriculum is adequate and relevant.

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VISHWANIKETAN

Vishwaniketan's Institute of Management Entrepreneurship & Engineering Technology [VIMEET]

Affiliated to University of Mumbai, Approved by AICTE, New Delhi

DTE CODE: EN 3467

Survey No. 52, Kumbhivali, Near Khalapur Toll Naka, Off. Mumbai - Pune Expressway, Tal. Khalapur,
Dist. Raigad, Pin - 410202 Telephone 02192 - 274 206 / 10, Mob. No. +91-9766783646

Mr. Madhu Bathija
President

Mr. Sunil Bangar
Secretary

Dr. B. R. Patil
Principal

Ref.No: ViMEET/Feedback /CE- /2017-18

Date: 05-03-2017

To
Chairman,
Board of Studies in Civil Engineering,
University of Mumbai,
Fort, Mumbai.

Subject: - Recommendation for course improvement for A.Y. 2017-2018

Respected sir,

As a part of quality assurance initiative of Vi MEET, we have conducted course gap analysis by expert teachers who have taught this course or has been dealing with subject area as a competent practioner. We modestly reviewed the attached document with a spirit to improve students learning experience. We take this opportunity to inform you, outcomes of our efforts.

We believe university will also appreciate the continuous improvement strategic measures conducted by our organization

Thanking you.



Dr. B. R. Patil
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Principal
Vishwaniketan's (I MEET)
Dr. B. R. Patil
Principal
Vishwaniketan's (I MEET)



Vishwaniketan's
Institute of Management Entrepreneurship & Engineering Technology
[iMEET]

Date: 08-02-2017

To,
The principal,
ViMEET Khalapur.

Subject: - Recommendation from course analysis committee.

Respected sir,

As per the discussion we had on course analysis, letter dated 17/01/2017. We have conducted course analysis in which 4 teachers and 135 students participated.

Please find a copy of report attached here with for further actions.

Subject Teacher

HOD

Civil Engineering

Incl:-

1. Course analysis report.
2. Sample course copy original with structure.



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[iMEET]

Date: 17 -01-2017

To,

Prof. Shamthi Salvam.

Saraswati College of Engineering, Kharghar

College in Navi Mumbai, Maharashtra

Dear faculty,

We are constituting committee for gap analysis of various subject of Mumbai University. This effort is carried out to enhance students learning as well as skill levels. You being an expert/regular course teacher. We co-ordinally invite you on course analysis committee.

Thanking you

Subject Teacher

HOD

Civil Engineering

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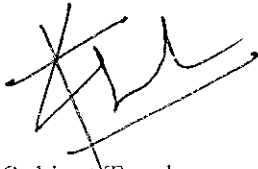
Date: 17-01-2017

To,
Prof. Shreeshail Gaikwad.
Yadavrao Tasgaonkar College
of Engineering & Management,
Karjat.

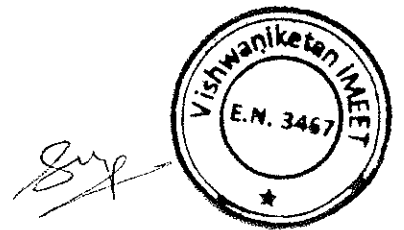
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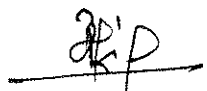
Subject Teacher



HOD

Civil Engineering

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[iMEET]

Course analysis committee

Subject name: - Surveying


Date:- 17/01/2017

Sr.No	Faculty name	No. years of experience	Name of Institute	Contact number
1	Prof. shamthi salvam	12 years	Saraswati College of Engineering, Kharghar College in Navi Mumbai, Maharashtra	9821996170
2	Prof. Shreeshail Gaikwad	12 years	Yadavrao Tasgaonkar College of Engineering & Management, Karjat.	9763024733
3	Prof. Shilpa Deshpande	16 years	Vishwaniketan's Institute of Management Entrepreneurship & Engineering Technology [iMEET]	9561285795
4	Prof. Kiran Thomabre	4years	Vishwaniketan's Institute of Management Entrepreneurship & Engineering Technology [iMEET]	8766726008


Subject Teacher


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[IMEET]

Date- 21/01/2017

Notice

Subject- Regarding surveying subject feedback

All the second year students are hereby informed that, kindly give your valuable feedback on surveying subject on or before on 28/01/2017. Also, collect feedback form from subject faculty.

Subject Faculty

HOD

Civil Department

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Student Subject Feedback Form

Name of Student *Dhamane Sandesh*

Course and Branch *SE B civil*

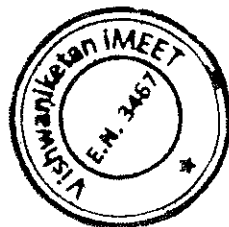
Subject Name:- *Surveying*

Roll No. *B15*

Date:- *23/01/2017*

		Very Good	Good	Average	Accept able	Poor
		1	2	3	4	5
1.	Is the syllabus creating interest in you?		✓			
2.	Is there link between the chapters?			✓		
3.	Are reference books available?			✓		
4.	Did the syllabus fulfil the expectations?				✓	
5.	How was the syllabus overall?		✓			

Suggestion: -----



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[Signature]

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Institute of Management Entrepreneurship & Engineering Technology

[IMEET]

Student Subject Feedback Form

Name of Student Bhoite Varsha

Course and Branch civil SEA

Subject Name:- Surveying

Roll No. A05

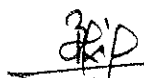
Date:- 22/01/2017

		Very Good	Good	Average	Acceptable	Poor
		1	2	3	4	5
1.	Is the syllabus creating interest in you?		✓			
2.	Is there link between the chapters?			✓		
3.	Are reference books available?				✓	
4.	Did the syllabus fulfil the expectations?		✓			
5.	How was the syllabus overall?			✓		

Suggestion: -----

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[iMEET]

Student Subject Feedback Form

Name of Student Katil Nivauti

Course and Branch Civil SE A

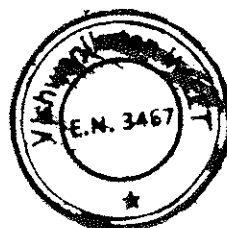
Subject Name:- Surveying

Roll No. A49

Date:- 23/01/2017

		Very Good	Good	Average	Acceptable	Poor
		1	2	3	4	5
1.	Is the syllabus creating interest in you?		✓			
2.	Is there link between the chapters?	✓				
3.	Are reference books available?			✓		
4.	Did the syllabus fulfil the expectations?			✓		
5.	How was the syllabus overall?		✓			

Suggestion: -----



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[Signature]
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[iMEET]

Student Subject Feedback Form

Name of Student *Mhabe Anita*

Course and Branch *SE B civil*

Subject Name:- *Surveying*

Roll No. *B31*

Date:- *29/01/2017*

		Very Good	Good	Average	Accept able	Poor
		1	2	3	4	5
1.	Is the syllabus creating interest in you?	✓				
2.	Is there link between the chapters?		✓			
3.	Are reference books available?			✓		
4.	Did the syllabus fulfil the expectations?				✓	
5.	How was the syllabus overall?		✓			

Suggestion: -----

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[Signature]
Principal
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Analysis of Feedback by Students on Surveying

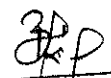
Feedback was collected from the Students on curriculum. A five-point scale feedback form on curriculum was developed for the same. We had received a total of 138 responses from the students of SE Civil programme on the curriculum designed by Mumbai University.

Table showing Feedback by Students on Subject of Surveying

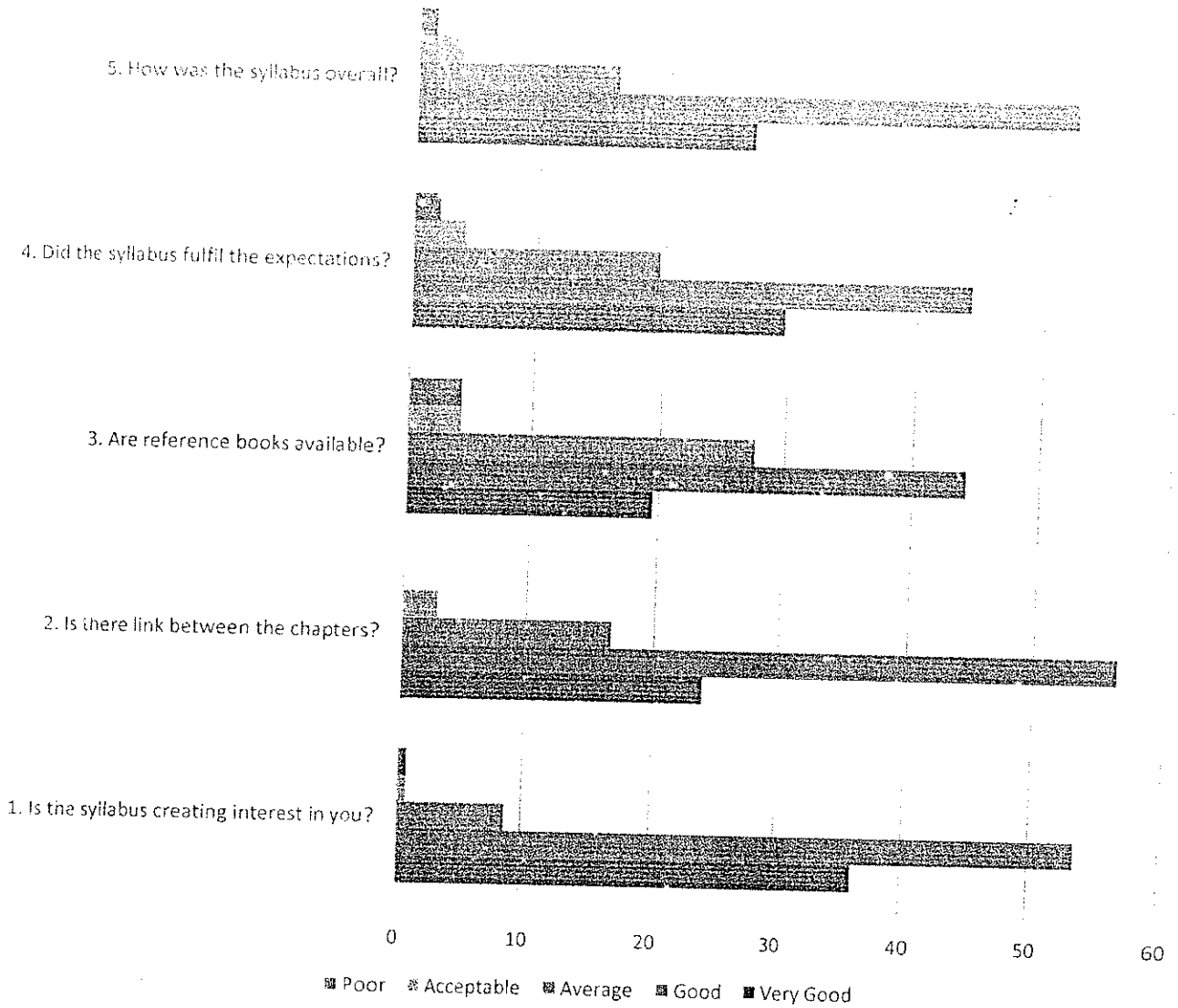
Sr. No	Particulars	Response in %				
		Very Good	Good	Average	Acceptable	Poor
		1	2	3	4	5
1.	Is the syllabus creating interest in you?	36	54	9	1	1
2.	Is there link between the chapters?	24	57	17	3	0
3.	Are reference books available?	20	44	28	4	4
4.	Did the syllabus fulfil the expectations?	30	44	20	4	2
5.	How was the syllabus overall?	27	52	16	4	1

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Analysis of Feedback by Students on Syllabus



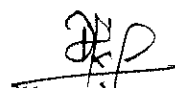
Most of the students are of the opinion that the syllabus is interesting with a good link between the chapters. Few of the students felt that more reference books could be made available. Overall, the syllabus was able to meet the expectations of the students.

Feedback from students

1. The content is well organized and focused on practical situations.
2. Very good hands on training.
3. I enjoyed the course and learned a lot from the content is well organized and focused on practical situation.

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Meeting NO. 35

Date

12/1/17


Notice :-

All the staff Members of civil Dept hereby informed that their Dept. meeting will be held on 12/1/17 at 4.0 pm at HOD cabin.

Agenda for the Meeting.

- 1) Time table :- proper location for PR & Tutorials.
- 2) Introduction of New Staff Members.
- 3) Role and responsibilities of Dept.
- 4) VAP program for BE & SE students.
- 5) Record book distribution and information regarding filling.
- 6) Arrangement of industrial visit and guest lectures for the semi.
- 7) Increase the attendance of students for all year students.
- 8) Progress of project work of final year students.
- 9) Lab development review.
- 10) Lab requirement.
- 11) Review of 21st industrial interaction program.
- 12) Requirement of Dept.
- 13) Review of ^{of} SLS Lecture ~~At~~
- 14) Subject feedback from student.
- 15) Formation of commitee for external & internal course analysis.

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notes of the Meeting

Responsibilities of every faculty members were discussed again so that the new faculty members will get idea about it.

Parents meeting: It will be conducted after 1st unit test. And the details regarding that meeting was discussed.

lab development: Charts, standard handling procedure should be demonstrated.

com lab: Rearrangement of the lab was discussed.

biotech lab: Respective In-charge has been told to look in the lackings.

TRE lab: Development of this lab needs to be done.

Concrete lab:

Dept. Requirement:

i. LCD - projector.

ii.

> Gettogether of technical people: 21 Jan 2011

i. Felicitation

ii. Transportatⁿ: Kushal Thul & Abhishek Shirsat.

iii. Welcome commity: Felicitation; Kalyani Mam, Minal Tikam.

iv. Photographer: Sachin Pawar.

Student's transportatⁿ: Sachin Pawar, Kiran Thombare.

v. Refreshment: ~~Kiran Thombare~~ ^{Prof. Rahul Thombare} & Amit Sawad.

vi. Dipak Kelkar: Special appreciation.

vii. Technical: Pravin Padil & Abhishek Shirsat.

* Recieving at entrance: Deshpande Mam, Prof. Igle.

> Course analysis committee for surveying

PROF. SHAMIKO SALVAM - SOCE

PROF. SHREESHAI GAUKWAD - YTCO

PROF. SHILPA DESHPANDE - VIMEE

PROF. KIRAN THOMBARE - VIMEE Principal

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Vishwaniketan VJEEET

- > Shilpa Deshpande -
- 1 M.D. Lele
- 2) Kalyani Wakhale
- 3) D. Kishore
- 4) K.B. Thombre
- 5) Pravin P. Patil
- 6) Sachin Pawar
- 7) Abhi Shirsal
- 8) Minal R. Titum
- 9) Sneha Hirdane
- 10) Amit P. Sawant
- 11) Rupesh A. Devale
- 12) ~~Kushal Thakur~~

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H.P.
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Employers' Feedback on Syllabus/curriculum

1. Is the syllabus capable of imparting adequate skills, concepts, knowledge, analytical abilities or broadening perspectives in students?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent

2. Is the syllabus compatible with the industry standards & applicable/relevant to real life situations?
 - a) Poor
 - b) Fair
 - c) Average
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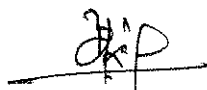
3. Is the syllabus exhaustive enough to cover the relevant knowledge needed by the engineers in industry?
 - a) Poor
 - b) Fair
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 - d) Average
 - e) Excellent

4. Is the syllabus sufficient to enable students to analyze given problems & identify the necessary solutions?
 - a) Poor
 - b) Fair
 - c) Good
 - d) Average
 - e) Excellent

5. Does the syllabus impart proper balance between theoretical knowledge and usage of practical applications?
 - a) Poor
 - b) Fair
 - c) Good
 - d) Average
 - e) Excellent

6. Is the syllabus of Mumbai University upto the mark, as regards depth of theoretical knowledge and practical orientation, in comparison to the syllabus in reputed national and international universities?
 - a) Poor
 - b) Fair
 - c) Good

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- d) Average
- e) Excellent

7. Is the syllabus relevant and adequate enough to create such engineers which are comparable with engineers passing out from reputed national and international universities?

- a) Poor
- b) Fair
- c) Good
- d) Average
- e) Excellent

8. Is the syllabus socially and environmentally relevant?

- a) Poor
- b) Fair
- c) Good
- d) Average
- e) Excellent

9. Is the syllabus capable of making the students responsible engineers and citizens?

- a) Poor
- b) Fair
- c) Good
- d) Average
- e) Excellent

10. Write your suggestions to improve the syllabus in a small paragraph.

NAME : I.M. KARTHIK

DESIGNATION : MANAGER QA/QC

ORGANISATION : LARSEN & TOUBRO

SAUDI ARABIA

CONFIDENTIAL

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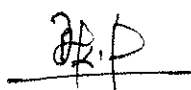
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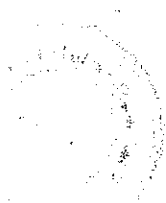
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should be practical orientall more.

Name: Sudeepa Maity

Organization:- Tata Consultancy

Design :- Technical connectors (Engg).



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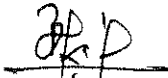
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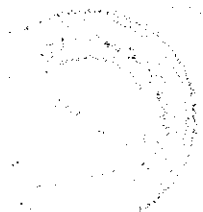
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Name - Satendra Chauhan

Industry - Whirlpool Pvt. Ltd

Contact - 8447293723

Position - Sr. Research ~~Scientist~~ Scientist

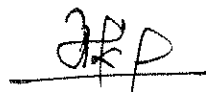


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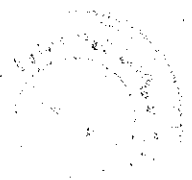
10. Write your suggestions to improve the syllabus in a small paragraph.

Name - Dhanaji Ghutukade

Industry - Phenox Mecano

Contact - 8483851985

Position - Assurance Jr. QA Engineer



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TEACHERS' FEEDBACK

Academic Year: 2020-2021

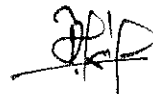
Department: Computer Engineering

Class: TE (SPCC)

Semester: VI

1. Do you feel that the syllabus is in sync with the teaching goals and your expectations from the students?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
2. Is the syllabus relevant and adequate as per industry standards and requirements?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
3. Is the timely coverage of syllabus possible in the mentioned number of hours?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
4. Sufficient reference material and books are available for the topics mentioned in the syllabus?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
5. The evaluation methods mentioned in the syllabus are sufficient for providing proper assessment?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent

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Vishwaniketan's (I MEET)





-
6. Is the syllabus adequate in terms of gaining relevant skills, concepts, knowledge, analytical abilities or broadening perspectives?
- a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
7. Is the syllabus proper blend of theory and practicals?
- a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
8. Is the theory in the syllabus proper adequate knowledge so as to be usable in projects by the students?
- a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
9. Is the syllabus properly linked with the knowledge gained in previous semesters as also relevant for knowledge to be gained in further semesters?
- a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
10. Does the syllabus provide proper opportunity for usage of advanced teaching aids?
- a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
11. Write your suggestions to improve the syllabus in a small paragraph.
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-

TEACHERS' FEEDBACK

Academic Year: 2020-2021

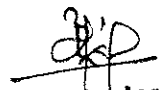
Department: Computer Engineering

Class: BE(AI)

Semester: VII

1. Do you feel that the syllabus is in sync with the teaching goals and your expectations from the students?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
2. Is the syllabus relevant and adequate as per industry standards and requirements?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
3. Is the timely coverage of syllabus possible in the mentioned number of hours?
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 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
4. Sufficient reference material and books are available for the topics mentioned in the syllabus?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
5. The evaluation methods mentioned in the syllabus are sufficient for providing proper assessment?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent

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6. Is the syllabus adequate in terms of gaining relevant skills, concepts, knowledge, analytical abilities or broadening perspectives?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent

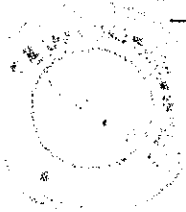
7. Is the syllabus proper blend of theory and practicals?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent

8. Is the theory in the syllabus proper adequate knowledge so as to be usable in projects by the students?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent

9. Is the syllabus properly linked with the knowledge gained in previous semesters as also relevant for knowledge to be gained in further semesters?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent

10. Does the syllabus provide proper opportunity for usage of advanced teaching aids?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent

11. Write your suggestions to improve the syllabus in a small paragraph.



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19/11/2024

TEACHERS' FEEDBACK

Academic Year: 21-22

Department: CSE

Class: IV

Semester: S6

1. Do you feel that the syllabus is in sync with the teaching goals and your expectations from the students?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
2. Is the syllabus relevant and adequate as per industry standards and requirements?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
3. Is the timely coverage of syllabus possible in the mentioned number of hours?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
4. Sufficient reference material and books are available for the topics mentioned in the syllabus?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
5. The evaluation methods mentioned in the syllabus are sufficient for providing proper assessment?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent

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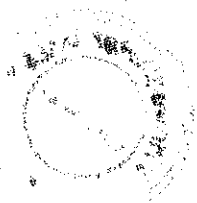
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Tal- Khalapur, Maharashtra 410203.

Website:- <https://vishwaniketan.edu.in>

-
6. Is the syllabus adequate in terms of gaining relevant skills, concepts, knowledge, analytical abilities or broadening perspectives?
- a) Poor
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 - d) Good
 - e) Excellent
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 - c) Average
 - d) Good
 - e) Excellent
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 - e) Excellent
9. Is the syllabus properly linked with the knowledge gained in previous semesters as also relevant for knowledge to be gained in further semesters?
- a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
10. Does the syllabus provide proper opportunity for usage of advanced teaching aids?
- a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
11. Write your suggestions to improve the syllabus in a small paragraph.
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TEACHERS' FEEDBACK

Academic Year: 2016

Department: ELECTRONICS AND TELECOMMUNICATIONS

Class: (ANTENNA AND RADIO WAVE PROPAGATION) TE

Semester: VI

1. Do you feel that the syllabus is in sync with the teaching goals and your expectations from the students?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
2. Is the syllabus relevant and adequate as per industry standards and requirements?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
3. Is the timely coverage of syllabus possible in the mentioned number of hours?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
4. Sufficient reference material and books are available for the topics mentioned in the syllabus?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
5. The evaluation methods mentioned in the syllabus are sufficient for providing proper assessment?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent

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J.K.P.

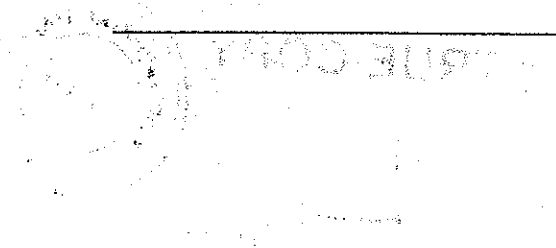
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-
6. Is the syllabus adequate in terms of gaining relevant skills, concepts, knowledge, analytical abilities or broadening perspectives?
- a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
7. Is the syllabus proper blend of theory and practicals?
- a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
8. Is the theory in the syllabus proper adequate knowledge so as to be usable in projects by the students?
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 - c) Average
 - d) Good
 - e) Excellent
9. Is the syllabus properly linked with the knowledge gained in previous semesters as also relevant for knowledge to be gained in further semesters?
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 - c) Average
 - d) Good
 - e) Excellent
10. Does the syllabus provide proper opportunity for usage of advanced teaching aids?
- a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent
11. Write your suggestions to improve the syllabus in a small paragraph.
-
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TEACHERS' FEEDBACK

Academic Year: 2020-21

Department: Electrical Engineering

Class: SE

Semester: Electrical Machine I Semester I, II

1. Do you feel that the syllabus is in sync with the teaching goals and your expectations from the students?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent ✓
2. Is the syllabus relevant and adequate as per industry standards and requirements?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent ✓
3. Is the timely coverage of syllabus possible in the mentioned number of hours?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent ✓
4. Sufficient reference material and books are available for the topics mentioned in the syllabus?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent ✓
5. The evaluation methods mentioned in the syllabus are sufficient for providing proper assessment?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent ✓

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6. Is the syllabus adequate in terms of gaining relevant skills, concepts, knowledge, analytical abilities or broadening perspectives?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent ✓

7. Is the syllabus proper blend of theory and practicals?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent ✓

8. Is the theory in the syllabus proper adequate knowledge so as to be usable in projects by the students?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent ✓

9. Is the syllabus properly linked with the knowledge gained in previous semesters as also relevant for knowledge to be gained in further semesters?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent ✓

10. Does the syllabus provide proper opportunity for usage of advanced teaching aids?
 - a) Poor
 - b) Fair
 - c) Average
 - d) Good
 - e) Excellent ✓

11. Write your suggestions to improve the syllabus in a small paragraph.

Part 2 Industrial Training helps student
to improve.

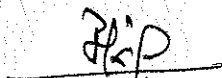
Alumni Feedback on Syllabus/curriculum

Academic Year of Passing: 2016 - 17

Name of Department: Computer

1. Syllabus was adequate and relevant with regard to use in industrial situations-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
2. Curriculum covered has made me intellectually enriched and analytically strong-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
3. Courses covered at Vishwaniketan has helped me in solving real life projects and problems-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
4. Knowledge gained at Vishwaniketan has prepared me to such an extent that I am able to use and improvise it in today's industrial environment-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
5. Learning experience at Vishwaniketan has made me socially and environmentally sensitive-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
6. Syllabus covered was sufficient so that I was not required to join any bridge courses for practicality in industrial usage-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
7. Project based learning environment at Vishwaniketan enriched me for working in inter-disciplinary areas and functions-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
8. When you compare yourself with counterparts from other universities you find you are on par to the mark with regard to syllabus covered and knowledge gained-
 - a) Agree

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- b) Somewhat Agree
- c) Disagree

9. Assessment and examination pattern in the curriculum was adequate and relevant-

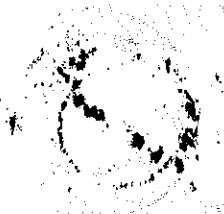
- a) Agree
- b) Somewhat Agree
- c) Disagree

10. Assessment system at Vishwaniketan was such as to appropriately, adequately and correctly asses me in theory, lab and skills-

- a) Agree
- b) Somewhat Agree
- c) Disagree

11. Write your suggestions to improve the syllabus in a small paragraph.

TRUE COPY



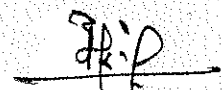
Alumni Feedback on Syllabus/curriculum

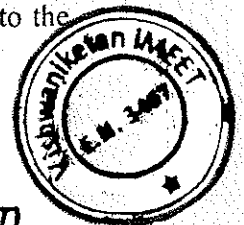
Academic Year of Passing: 2017-18

Name of Department: MECHANICAL

- Syllabus was adequate and relevant with regard to use in industrial situations-
 - Agree
 - Somewhat Agree
 - Disagree
- Curriculum covered has made me intellectually enriched and analytically strong-
 - Agree
 - Somewhat Agree
 - Disagree
- Courses covered at Vishwaniketan has helped me in solving real life projects and problems-
 - Agree
 - Somewhat Agree
 - Disagree
- Knowledge gained at Vishwaniketan has prepared me to such an extent that I am able to use and improvise it in today's industrial environment-
 - Agree
 - Somewhat Agree
 - Disagree
- Learning experience at Vishwaniketan has made me socially and environmentally sensitive-
 - Agree
 - Somewhat Agree
 - Disagree
- Syllabus covered was sufficient so that I was not required to join any bridge courses for practicality in industrial usage-
 - Agree
 - Somewhat Agree
 - Disagree
- Project based learning environment at Vishwaniketan enriched me for working in inter-disciplinary areas and functions-
 - Agree
 - Somewhat Agree
 - Disagree
- When you compare yourself with counterparts from other institutions, you are able to mark with regard to syllabus covered and knowledge gained-
 - Agree

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Vishwaniketan's (I MEET)



- b) Somewhat Agree
c) Disagree
9. Assessment and examination pattern in the curriculum was adequate and relevant-
- a) Agree
b) Somewhat Agree
c) Disagree
10. Assessment system at Vishwaniketan was such as to appropriately, adequately and correctly asses me in theory, lab and skills-
- a) Agree
b) Somewhat Agree
c) Disagree
11. Write your suggestions to improve the syllabus in a small paragraph.

Teachers Short term notes should
be given for each subjects



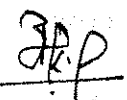
Alumni Feedback on Syllabus/curriculum

Academic Year of Passing: 2017

Name of Department: CIVIL ENGG.

1. Syllabus was adequate and relevant with regard to use in industrial situations-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
2. Curriculum covered has made me intellectually enriched and analytically strong-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
3. Courses covered at Vishwaniketan has helped me in solving real life projects and problems-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
4. Knowledge gained at Vishwaniketan has prepared me to such an extent that I am able to use and improvise it in today's industrial environment-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
5. Learning experience at Vishwaniketan has made me socially and environmentally sensitive-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
6. Syllabus covered was sufficient so that I was not required to join any bridge courses for practicality in industrial usage-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
7. Project based learning environment at Vishwaniketan enriched me for working in inter-disciplinary areas and functions-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
8. When you compare yourself with counterparts from other universities, you feel upto the mark with regard to syllabus covered and knowledge gained-
 - a) Agree

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Website:- <https://vishwaniketan.edu.in>

- b) Somewhat Agree
c) Disagree
9. Assessment and examination pattern in the curriculum was adequate and relevant-
- a) Agree
 b) Somewhat Agree
c) Disagree
10. Assessment system at Vishwaniketan was such as to appropriately, adequately and correctly asses me in theory, lab and skills-
- a) Agree
 b) Somewhat Agree
c) Disagree
11. Write your suggestions to improve the syllabus in a small paragraph.

TRIP COPY

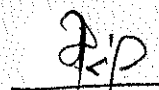
Alumni Feedback on Syllabus/curriculum

Academic Year of Passing: 2017-18

Name of Department: Electrical

1. Syllabus was adequate and relevant with regard to use in industrial situations-
 a) Agree
 b) Somewhat Agree
 c) Disagree
2. Curriculum covered has made me intellectually enriched and analytically strong-
 a) Agree
 b) Somewhat Agree
 c) Disagree
3. Courses covered at Vishwaniketan has helped me in solving real life projects and problems-
 a) Agree
 b) Somewhat Agree
 c) Disagree
4. Knowledge gained at Vishwaniketan has prepared me to such an extent that I am able to use and improvise it in today's industrial environment-
 a) Agree
 b) Somewhat Agree
 c) Disagree
5. Learning experience at Vishwaniketan has made me socially and environmentally sensitive-
 a) Agree
 b) Somewhat Agree
 c) Disagree
6. Syllabus covered was sufficient so that I was not required to join any bridge courses for practicality in industrial usage-
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 b) Somewhat Agree
 c) Disagree
7. Project based learning environment at Vishwaniketan enriched me for working in inter-disciplinary areas and functions-
 a) Agree
 b) Somewhat Agree
 c) Disagree
8. When you compare yourself with counterparts from other universities, you feel upto the mark with regard to syllabus covered and knowledge gained-
 a) Agree

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- b) Somewhat Agree
- c) Disagree

9. Assessment and examination pattern in the curriculum was adequate and relevant-

- a) Agree
- b) Somewhat Agree
- c) Disagree

10. Assessment system at Vishwaniketan was such as to appropriately, adequately and correctly asses me in theory, lab and skills-

- a) Agree
- b) Somewhat Agree
- c) Disagree

11. Write your suggestions to improve the syllabus in a small paragraph.

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Students' Feedback on Syllabus/Curriculum

Department: Mechanical

Class: BE

Semester: VIII

1. Syllabus is relevant to the branch of engineering I am admitted into-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
2. Curriculum is connected and flowing from the knowledge gained in previous semesters-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
3. Sufficient study materials covering the syllabus are available-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
4. Course imparts me inter-disciplinary knowledge and exposure-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
5. Syllabus is upto the mark in comparison with reputed national and international universities-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
6. Curriculum is up to the mark with industry standards-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
7. Course covers the latest developments in the outside world-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
8. Syllabus prescribed is practical oriented -
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
9. I am able to apply the theoretical knowledge gained to implement the projects included in the syllabus-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
10. I am capable to analyse the problems by searching the literature and find out the appropriate solution to engineering problems-
 - a) Agree

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[Signature]
Principal
Vishwaniketan's (I MEET)



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- b) Somewhat Agree
- c) Disagree

11. Assessment and examination pattern in the curriculum is adequate and relevant-

- a) Agree
- b) Somewhat Agree
- c) Disagree

12. Write your suggestions to improve the syllabus in a small paragraph.

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Students' Feedback on Syllabus/Curriculum

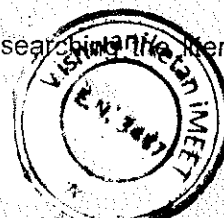
Department: CS

Class: TE Computer

Semester: VI

1. Syllabus is relevant to the branch of engineering I am admitted into-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
2. Curriculum is connected and flowing from the knowledge gained in previous semesters-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
3. Sufficient study materials covering the syllabus are available-
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 - c) Disagree
4. Course imparts me inter-disciplinary knowledge and exposure-
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 - c) Disagree
5. Syllabus is upto the mark in comparison with reputed national and international universities-
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 - b) Somewhat Agree
 - c) Disagree
6. Curriculum is up to the mark with industry standards-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
7. Course covers the latest developments in the outside world-
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 - b) Somewhat Agree
 - c) Disagree
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 - b) Somewhat Agree
 - c) Disagree
9. I am able to apply the theoretical knowledge gained to implement the projects included in the syllabus-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
10. I am capable to analyse the problems by searching literature and find out the appropriate solution to engineering problems-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree

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Vishwaniketan's (I MEET)

- b) Somewhat Agree
 c) Disagree

11. Assessment and examination pattern in the curriculum is adequate and relevant-

- a) Agree
b) Somewhat Agree
 c) Disagree

12. Write your suggestions to improve the syllabus in a small paragraph.



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Students' Feedback on Syllabus / Curriculum

Department: electrical

Class: T.E

Semester: VI

1. Syllabus is relevant to the branch of engineering I am admitted into-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
2. Curriculum is connected and flowing from the knowledge gained in previous semesters-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
3. Sufficient study materials covering the syllabus are available-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
4. Course imparts me inter-disciplinary knowledge and exposure-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
5. Syllabus is upto the mark in comparison with reputed national and international universities-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
6. Curriculum is up to the mark with industry standards-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
7. Course covers the latest developments in the outside world-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
8. Syllabus prescribed is practical oriented -
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
9. I am able to apply the theoretical knowledge gained to implement the projects included in the syllabus-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
10. I am capable to analyse the problems by searching the literature and find out the appropriate solution to engineering problems
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree



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- b) Somewhat Agree
- c) Disagree

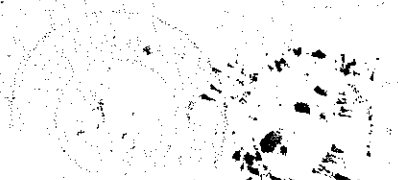
11. Assessment and examination pattern in the curriculum is adequate and relevant-

- a) Agree
- b) Somewhat Agree
- c) Disagree

12. Write your suggestions to improve the syllabus in a small paragraph.

conduct online exam

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Students' Feedback on Syllabus/Curriculum

Department: EXTC

Class: T.E

Semester: VIth

1. Syllabus is relevant to the branch of engineering I am admitted into-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
2. Curriculum is connected and flowing from the knowledge gained in previous semesters-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
3. Sufficient study materials covering the syllabus are available-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
4. Course imparts me inter-disciplinary knowledge and exposure-
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 - c) Disagree
5. Syllabus is upto the mark in comparison with reputed national and international universities-
 - a) Agree
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7. Course covers the latest developments in the outside world-
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8. Syllabus prescribed is practical oriented -
 - a) Agree
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9. I am able to apply the theoretical knowledge gained to implement the projects included in the syllabus-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
10. I am capable to analyse the problems by searching literature and find out the appropriate solution to engineering problems-
 - a) Agree

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- b) Somewhat Agree
 c) Disagree

11. Assessment and examination pattern in the curriculum is adequate and relevant-

- a) Agree
b) Somewhat Agree
 c) Disagree

12. Write your suggestions to improve the syllabus in a small paragraph.

Practicals should be taken more
frequently

Students' Feedback on Syllabus/Curriculum

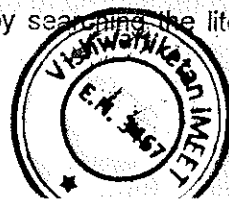
Department: AIML

Class: GE

Semester: SEM-04

1. Syllabus is relevant to the branch of engineering I am admitted into-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
2. Curriculum is connected and flowing from the knowledge gained in previous semesters-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
3. Sufficient study materials covering the syllabus are available-
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 - b) Somewhat Agree
 - c) Disagree
4. Course imparts me inter-disciplinary knowledge and exposure-
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 - c) Disagree
7. Course covers the latest developments in the outside world-
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8. Syllabus prescribed is practical oriented -
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 - b) Somewhat Agree
 - c) Disagree
9. I am able to apply the theoretical knowledge gained to implement the projects included in the syllabus-
 - a) Agree
 - b) Somewhat Agree
 - c) Disagree
10. I am capable to analyse the problems by searching the literature and find out the appropriate solution to engineering problems-
 - a) Agree

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- b) Somewhat Agree
 c) Disagree

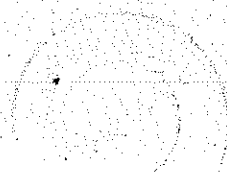
11. Assessment and examination pattern in the curriculum is adequate and relevant-

- a) Agree
 b) Somewhat Agree
 c) Disagree

12. Write your suggestions to improve the syllabus in a small paragraph.

Nothing!

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Semester III		
Subject Code	Subject Name	Credits
CE-C 302	Surveying – I	5

Teaching Scheme						
Contact Hours			Credits Assigned			
Theory	Practical	Tutorial	Theory	Practical	Tutorials	Total
04	02	-	04	01	-	05

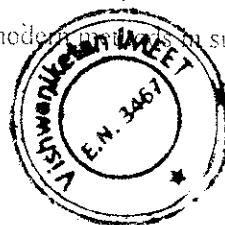
Evaluation Scheme								
Theory					Term Work/ Practical/Oral			Total
Internal Assessment			End Sem Exam	Duration of End Sem Exam	TW	PR	OR	
Test 1	Test 2	Average						
20	20	20	80	03 Hrs.	25	-	25	150

Rationale

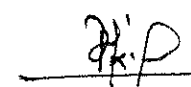
Surveying is a core subject for civil engineers. It is the first step towards all civil engineering projects. A good surveyor is an asset to the company, organization or establishment. All the civil engineering projects such as buildings, transportation systems including roads, bridges, railways, airports along with dams and water/ sewage treatment plants start with surveying as the basic operations. Hence, the knowledge of surveying is very essential to all the civil engineering professionals. In this subject, the students get acquainted with the basic methods and instruments that are used in surveying and it helps them to produce plans and sections. It is also useful in setting out civil engineering structures on construction sites.

Objectives

- To understand appropriate methods of surveying based on accuracy and precision required availability of resources, economics and duration of project.
- To study techniques for measurement of distance, setting offsets, calculate area and volume using surveying instruments
- To study the functions of various instruments, their least counts, possible errors, advantages and limitations.
- To study various techniques for solving Surveying related problems.
- To study the superiority and leverage of using modern instruments in surveying over conventional ones.



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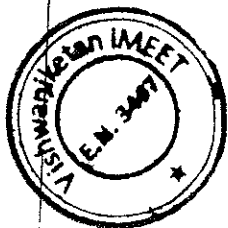

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Detailed Syllabus

Module	Sub-Modules/ Contents	Periods	
I.	1. Introduction	08	
	1.1		Definition, principles, objectives, classification, technical terms, uses and necessity of surveying. Units of measurement, surveying measurement and errors, type of errors and their corrections (including numericals), corrections for wrong scales, accuracy and precision, stages of survey operations
	1.2		Chaining, Ranging and offsetting: Definitions, Principles, Types, Instruments required, methods, obstacles (including numericals), sources of errors, conventional signs and symbols.
	1.3		Electronic Distance Measurement: Working Principles, types, applications in surveying
II.	2. Measurement of Directions and Angles	10	
	2.1		Basic definitions, meridians, bearings, magnetic and true bearings, compasses, prismatic and surveyor's, temporary adjustments, declination, dip, local attraction
2.2	Types of traverse, procedures, control establishments, Conversion of WCB into RB and vice-versa, Traverse Survey and Computations of interior angles of a closed Traverse. Adjustment of closing error, correction for local attraction.		
III.	3. Levelling and its application	12	
	3.1		Introduction to levelling, basic terms and definitions, types of instruments, construction and use of dumpy level, auto level, digital level and laser level in construction industry, principle axes of dumpy level, temporary and permanent adjustments
	3.2		Booking and reduction of levels, plane of collimation (HI) and rise-fall methods, computation of missing data, distance to the visible horizon, corrections due to curvature and refraction, reciprocal levelling, Numerical problems
3.3	Differential levelling, profile levelling, fly levelling, check levelling, precise levelling, sources of errors, difficulties in levelling work, corrections, and precautions in levelling work.		

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	4. Plane Tabling, Contouring, Area and Volume		08
IV.	4.1	Plane Table Surveying: Definition, principles, accessories required for plane table surveying, merits and demerits, temporary adjustments, Different methods of plane table surveying, Errors in plane table surveying, Use of telescopic alidade.	
	4.2	Contouring: definitions, contour interval, equivalent, uses and characteristics of contour lines, direct and indirect methods of contouring. Grade contour: definition and use.	
	4.3	Area: Area of an irregular figure by trapezoidal rule, average ordinate rule, Simpson's 1/3 rule, various coordinate methods. Planimeter: types including digital planimeter, area of zero circle, uses of planimeter.	
	4.4	Volume: Computation of volume by trapezoidal and prismoidal formula, volume from spot levels, volume from contour plans.	
	5. Theodolite Traversing		10
V.	5.1	Various parts and axis of transit, technical terms, temporary and permanent adjustments of a transit, horizontal and vertical angles, methods of repetition and reiteration.	
	5.2	Different methods of running a theodolite traverse, Latitudes and departures, rectangular coordinates, traverse adjustments by Bowditch's, transit and modified transit rules, Gales Traverse Table, Numerical Problems.	
	5.3	Use of theodolite for various works such as prolongation of a straight line, setting out an angle, bearing measurements. Omitted measurements, Problems in using theodolite traversing, errors in theodolite traversing; Trigonometrical Levelling: Problems on one plane and two plane methods,	
	6. Tacheometric surveying		06
VI.	6.1	Principle, purpose, uses, advantages and suitability of tacheometry, different methods of tacheometry, stadia formula, Stadia diagram and tables. Sub-tense bar method.	
	6.2	Application in plane table and curve setting.	
	6.3	Radial Contouring.	
		Total	52

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Contribution to Outcomes

On completion of the course, the learners will be able to:

- Apply principles of surveying and leveling for civil engineering works
- Measure vertical and horizontal plane, linear and angular dimensions to arrive at solutions to basic surveying problems.
- Perform various practical and hence projects using different surveying instruments.
- Apply geometric principles for computing data and drawing plans and sections
- Analyze the obtained spatial data and compute areas and volumes and represent 3D data on plane surfaces (2D) as contours

Theory examination:

1. The question paper will comprise of six questions; each carrying 20 marks.
2. The first question will be compulsory and will have short questions having weightage of 4-5marks covering the entire syllabus.
3. The remaining five questions will be based on all the modules of the entire syllabus and may be. For this, the modules shall be divided proportionately and further, the weightage of the marks shall be judiciously awarded in proportion to the importance of the sub-module and contents thereof.
4. Remaining questions will be mixed in nature (e.g. Suppose Q.2 has part (a) from module II then part (b) will be from any module other than module II).
5. The students will have to attempt any three questions out of remaining five questions.
6. Total four questions need to be attempted.

Oral Examination:

The oral examination will be conducted in conjunction with the practical/s and will be based on the entire syllabus and the term work. The weightage of the practical examination will be of 10 marks and that of oral, 15 marks.

List of Practical:

1. Computing area of polygon by chaining, ranging and offsetting and verify distances by EDM
2. Measuring bearing of closed traverse using Prismatic/Surveyor's compass and computing included angle.
3. Simple and differential levelling using dumpy level
4. Transferring R.L from benchmark to new point by auto level/digital level with three change points and performing check levelling
5. Measurement of horizontal angle by Repetition and Reiteration Method using Vernier Transit theodolite.
6. To find the constants of a tachometer and to verify filed distances.



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7. To find R.L and distances by tachometric surveying.
8. To find height of inaccessible tower using one plane and two plane methods using Vernier Transit theodolite.
9. Plane table surveying by various methods with at least four stations.
10. Determination of areas of irregular figures by conventional/digital planimeter

Internal Assessment:

There will be two class tests (to be referred to as an 'Internal Assessment) to be conducted in the semester. The first internal assessment (IA) will be conducted in the mid of the semester based on the 40% of the syllabus. It will be of 20 marks. Similarly, the second internal assessment (IA) will be conducted at the end of the semester and it will be based on next 40% of the syllabus. It will be of 20 marks. Lastly, the average of the marks scored by the students in both the Internal Assessment will be considered. Duration of both the IA examination will be of one hour duration, respectively.

Term work:

It shall consist of the following:

- Field book based on afore-mentioned practicals conducted on and off the field.
- The account of practical performed with aim, apparatus, observations, calculations, results and inferences.
- The assignments shall comprise of the minimum 20 problems covering the entire syllabus divided properly module wise.

Distribution of the Term Work Marks:

The marks of the term work shall be judiciously awarded for the various components of the term work and depending upon the quality of the term work. The final certification and acceptance of term work warrants the satisfactory performance of laboratory and field work by the student, appropriate completion of the assignments. Broadly, the split of the marks for term work shall be as given below. However, there can be further bifurcation in the marks under any of the heads to account for any sub-head therein.

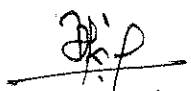
Assignments on entire syllabus	: 10 marks
Practical	: 10 marks
Attendance (Theory and Practical)	: 05 marks
Total	: 25 marks

Further, while giving weightage of marks on the attendance, following guidelines shall be resorted to.

75%– 80%: 03 Marks; 81%– 90%: 04 Marks 91% onwards: 05 Marks

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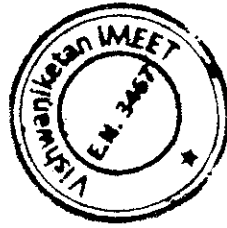

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Recommended Books:

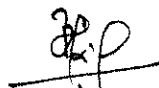
1. Surveying and Leveling: Vol-I and II: *Kanetkar and Kulkarni*, Pune Vidyarthi Griha, Pune.
2. Surveying and Levelling: *N.N.Basak*, Tata McGraw Hill, New Delhi.
3. Surveying: *R. Agor*, Khanna Publishers.
4. Surveying: Vol-I: *Dr K.R. Arora*, Standard Book House.
5. Surveying and Levelling (2nd Edition): *R. Subramanian*, Oxford Higher Education.
6. Surveying and levelling (Vol.-I): *Dr. B.C. Punmia*, Laxmi Publications.
7. Surveying and Levelling (Vol.-I): *S.K. Duggal*, Tata Mc-Graw Hill
8. Textbook of Surveying, By *C Venkatramaiah*, University Press, Hyderabad, Latest Edition

Web Materials:

1. <http://nptel.ac.in/courses/105107122/>



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