



Sinhgad Institutes

Sinhgad Technical Education Society's

# SINHGAD ACADEMY OF ENGINEERING

(Affiliated to University of Pune and Approved by, AICTE, New Delhi.)

S. No. 40/4 A. Near octroi Post, Kondhwa - Saswad Road, Pune - 411048.

☎ : (020) 26934441, 26934550, Fax : 020- 26934297,

E-mail : saeprincipal@sinhgad.edu, Website : www.sinhgad.edu

## Department of Electronics and Telecommunication

Date: 29-06-2018

### B.E Project Notice: 2018-2019

All BE (E&TC) students are informed that their project work progress will be scrutinized by the following Staff Committee members. Students have to prepare the power point presentation for the project work completed. Student must carry the Project Log book. Student has to submit synopsis copy with guide signature in the given format by due date 16<sup>th</sup> July 2018 with incorporation of suggested changes.

#### **Project Stage- 1 & Project Stage- 2 Schedule**

**Continuous Evaluation 1:- 27 Aug 2018 to 31 Aug 2018**

**Continuous Evaluation 2:- 01 Oct 2018 to 05 Oct 2018**

**Continuous Evaluation 3:- 18 Feb. 2019 to 22 Feb 2019**

**Continuous Evaluation 4:- 01 April 2019 to 05 April 2019**

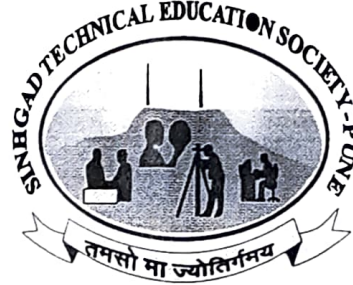
Sr. No.	Staff Committee	Group No
1.	Mr. D.K. Kamat , Mr. V.D. Bharte , Mr. S.B.Pawar	1,50,51, 8,9,,31
2.	Dr. Mrs. J .P. Shinde, Mr. B.S. Gayal	2,3,37,48,
3.	Dr. Mrs. P.S. Deshpande, Mr. W. S. Tamboli	4,5,52,53
4.	Dr. K M Gaikwad , Mr.S.S.Shah	6,7,44,45
5.	Mrs. R. A. Jain , Mrs. M. M. Patil,	14,15,16,17
6.	Mr. R.U. Yawale, Mrs. T.S. Londe	10,11,12,13
7.	Mrs. V.M. Sardeshmukh, Mr. Y.R. Bachkar ,	28,29,46,47
8.	Mr. A.B. Ingole, Mrs. K N Jagtap	18,19,32,33
9.	Mrs. V.P Patil, Mr. S. V. Thakur, Mrs. R.B.Kakkeri	20,21,40,41,26,27
10	Mrs. S.T.Sawant Patil , Dr.Mrs. R.V .Patil	34,35,42,43
11	Mrs. J A Bagban, Mrs. P. R. Shahane	22,,24,25,36

Project coordinator

H.O.D

# B.E. PROJECT WORK BOOK

Academic Year: 2018-19



**Sinhgad Institutes**

**GROUP NO.: 46**

Roll No.

Student Name

C04

Ameutkae Kieti Kamalakar

C51

Neekae Jyotsna Paesharam

C22

Hajaae Ameuta Aew.

Project Title: Automation in Investigation by using ARM

Guide Name: PROF: Y. R. Bachkar

Area of Project Embedded Sponsored By: —

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING  
S.T.E.'S SINHGAD ACADEMY OF ENGINEERING, KONDHWA(BK.), PUNE  
S.No-40/4A, Kondhwa(Bk), Saswad Road, Pune - 411048  
(For private circulation only)

To be filled by Student

B.E.Project (Part -I) Progress Report

Academic Year: 2018-19

Date of Presentation: 19/9/18

Group Number: 46

Project Title: Automation In Irrigation By Using ARM Controller

Name of Sponsord Industry and Contribution:

\*Present work (200 words):

- 1) Collection of Research papers.
- 2) Implementation of Block diagram.
- 3) Preparation of synopsis.
- 4) Preparation of presentation.
- 5) Presentation on project topic.

To be filled by Committee Members

Student Name	Is Log Book maintained and verified by Guide	1. Innovative Idea 2. Application 3. Work completion	Is presentation conducted on or before due date	Individual Presentation Skill and Depth of Understanding
1. Ameutkar Kiet	YES/NO	A / B / C	YES/NO	A / B / C
2. Hajare Ameeta	YES/NO	A / B / C		A / B / C
3. Neekar Jyotsna	YES/NO	A / B / C		A / B / C
4.	YES/NO	A / B / C		A / B / C

A:  Good, B: Satisfactory, C: Not Satisfactory

Fesibility of Project for UG Final Year  
Is the project work undertaken by this group is acceptable for award of Bachelor Degree in Engineering: YES / ~~NO~~

If No, mention the action taken:

Name of Committee Members
1. Prof. Y.R. Bachkar (Guide)
2. Mes. V.M. Sardeshmukh.

Sign with Date

19/9/18  
19/9/18  
25-9-18

Dr. H.O.D.  
(Prof. M.M. Sardeshmukh)

Project Coordinator  
(Prof. S.S. Shah)

To be filled by Student

B.E.Project (Part -I) Progress Report

Academic Year: 2018-19

Date of Presentation: 11/10/18.

Group Number: 46.

Project Title: Automation In Irrigation by using ARM controller

Name of Sponsord Industry and Contribution: -

\*Work done till 1st Presentation: 1) implementation of block dia.  
2) sueveying on soil moistuee  
3) Reseaech on papers.

\*Present work (200 words):  
1) Implementation of powee supply by using proteus.  
2) Peeperation of Peesentation  
3) Peesentation on peoject topic eegaeding simu?

\*Proposed Work: (100 Words)  
1) suevey on soil moistuee  
2) sueveying on database  
3) Implementation of LCD

To be filled by Committee Members

Student Name	Is Log Book maintained and verified by Guide	Work Completion/ Project Progress	Is presentation conducted on or before due date	Individual Presentation Skill and Depth of Understanding
5. Ameutkae Kien	YES/NO	A / B / C	YES/NO	A / B / C
6. Hajae Ameut	YES/NO	A / B / C		A / B / C
7. Neekar Jyotsna	YES/NO	A / B / C		A / B / C
8.	YES/NO	A / B / C		A / B / C

A: Good,

B: Satisfactory,

C: Not Satisfactory

Name of Committee Members  
3. Prof. Y.R. Bachkae (Guide)  
4. Mrs. V.M. Saedeshmukh.

Sign with Date

11/10/18.

11/10/18

12-10

H.O.D.

(Prof. M.M.Sardeshmukh)

Project Coordinator  
(Prof. S.S.Shah)

To be filled by Student

B.E.Project (Part -II) Progress Report

Academic Year: 2018-19

Date of Presentation: 19/2/19

Group Number: 46

Project Title: Automation in Irrigation by using ARM controller

Name of Sponsord Organization: -

\*Work done till 2nd Presentation:  
 1) Implementation of power supply by using proteus.  
 2) preparation of presentation.

\*Present work (in 250 words):  
 1) Designing the power supply.  
 2) Implementation of components on the PCB. for showing the temperature.  
 3) Presentation on Project topic regarding tem sensor

\*Proposed Work: (100 Words)  
 1) Implementation of humidity, soil moisture, wifi module, and android application.  
 2) surveying on data base.

To be filled by Committee Members

Student Name	Is Log Book maintained and verified by Guide	Proposed work Execution	Is presentation conducted on or before due date	Presentation Skill and Understanding
9. Amrutkai Kish	YES/NO	A / B / C	YES/NO	A / B / C
10. Hajare Amruta	YES/NO	A / B / C		A / B / C
11. Neeraj Tyotna	YES/NO	A / B / C		A / B / C
12.	YES/NO	A / B / C		A / B / C

A: Good,

B: Satisfactory,

C: Not Satisfactory

Name of Committee Members

Sign with Date

5. Prof. Y.R. Bachkar (Guide)

18/2/19

6. Mrs. V.M. Sardeshmukh

*[Signature]*

*[Signature]*  
H.O.D.

*[Signature]*  
18/2/19

(Prof. M.M. Sardeshmukh) A.B. INGOLE

Project Coordinator  
(Prof. S.S. Shah)

Department of Electronics & Telecommunication Academic

Continuous Evaluation Sheet : Presentation No:4

To be filled by Student

B.E. Project (Part-II) Progress Report

Academic Year: 2018-19

Date of Presentation: 15/4/19

Group Number: 46

Project Title: Automation in Irrigation by using ARM Controller

Name of Sponsord Organization: -

\*Work done till 3rd Presentation:  
 1) Designing of power supply  
 2) Implementation of components on the PCB for temp & Humidity  
 3) Presentation

\*Present work (in 200 words):  
 1) Implementation of temp, humidity, wifi-module and android app based on GUI  
 2) Hardware o/p.  
 3) presentation & Demo

To be filled by Committee Members

Student Name	Is Log Book maintained and verified	Project work Completion	Is presentation conducted on or before due date	Presentation Skill and Understanding
13. Amrutkar Kish	YES/NO ✓	A / B / C ✓	YES/NO ✓	A / B / C ✓
14. Hayase Amruta	YES/NO ✓	A / B / C ✓		A / B / C ✓
15. Neekar Jyotsna	YES/NO ✓	A / B / C ✓		A / B / C ✓
16.	YES/NO ✓	A / B / C ✓		A / B / C ✓

A: Good, B: Satisfactory, C: Not Satisfactory

Fesibility of Project for UG Final Year: Is the project work undertaken by this group is acceptable for award of Bachelor Degree in Engineering: YES / NO

If YES Remarks by Committe member:

Committee Members

- Prof. V.R. Barchkar (Guide)
- Mrs. V.M. Saredeshmukh

Sign with Date

16/4/19  
 16/4/19

H.O.D. (Prof. M.M. Saredeshmukh) A.B. Ingole

Project Coordinator (Prof. S.S. Shah)



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**Department of Electronics and Telecommunication**

Date: 22/0/6/2017

### B.E Project Notice: 2017-2018

All BE (E&TC) students are informed that their project work progress will be scrutinized by the following Staff Committee members. Students have to prepare the power point presentation for the project work completed. Student must carry the Project Log book. Student has to submit synopsis copy with guide signature in the given format by due date 17<sup>th</sup> July 2017 with incorporation of suggested changes.

#### **Project Stage- 1 & Project Stage- 2 Schedule**

Continuous Evaluation 1:- 29<sup>th</sup> Aug 2017 to 02 Sept 2017

Continuous Evaluation 2:- 20 Sept 2017 to 25 Sept 2017

Continuous Evaluation 3:- 05 Jan 2018 to 12 Jan 2018

Continuous Evaluation 4:- 11 April 2018 to 15 April 2018

Sr. No.	Evaluation Committee	Group No
1.	Dr. Mrs. J .P. Shinde , Mr. S.B.Pawar	2, 52
2.	Dr. P. N. Shinde, Mr. B.S. Gayal	3, 51
3.	Mr. Bachkar , Mr. S.A.Bankar	43,44,45
4.	Dr. R. P.Borse, Mr. D.S.Dabi	5,6, 48
5.	Mrs. R. A. Jain , Mrs. S.M.Potdar	38,39,09
6.	Dr. C G Patil, Mrs. S.S.Phule	7,41,42
7.	Mr. D.K. Kamat, Mr. S.V.Thakur	1,8,34,35
8.	Mr. R.U. Yawale, Ms. C. C. Athavale	10,11,14
9.	Mrs. M. M. Patil, Mrs. A.K.Patel	15,16,33
10.	Mr. A.B. Ingole, Mrs. K N Jagtap	12,13,31,49
11.	Mr.S.S.Shah , Mr. K M Gaikwad	29,30,46,47
12.	Mr. C. P. Mahajan, Mrs. V.V.Joshi, Mrs.S.V.Salunkhe,	4,26,50
13.	Mrs. V. P Patil, Mr. A P Joglekar	25,26,32
14.	Mr. M. H. Naikwadi, Mr. V D Bharate	23,27,28
15.	Mrs. J A Bagban, Mrs. P. R. Shahane	19,20,21,22
16.	Mrs. R. B. Kakkeri, Mrs. S.M.Parvat, Mr. S.M.Kasar	17,18,36,37,40

  
Project coordinator

  
H.O.D

# B.E. PROJECT WORK BOOK

Academic Year: 2017 - 18



**Sinhgad Institutes**

**GROUP NO.: 46**

Roll No.

Student Name

03

Vishal N. Ankam

46.

Vipul P. Katarriya

72

Alim N. Patel

108

Bharat P. Jadhav

Project Title: Smart Street light system with energy saving function

Guide Name: S.S. Shah

Area of Project Embedded, Sponsored By: \_\_\_\_\_

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING  
S.T.E.'S SINHGAD ACADEMY OF ENGINEERING, KONDHWA(BK.), PUNE  
S.No-40/4A, Kondhwa(Bk), Saswad Road, Pune - 411048  
(For private circulation only)



S.T.E.S. SINHGAD ACADEMY OF ENGINEERING, KONDHAWA (Bk), PUNE

Department of Electronics & Telecommunication Academic

Contineous Evaluation Sheet : Presentation No:1

To be filled by Student

B.E.Project (Part -I) Progress Report

Academic Year: 2017-18

Date of Presentation:

1 sept 2017

Group Number:

46

Project Title:

Smart street Light system with energy saving function.

Name of Sponsord Industry and Contribution:

\*Present work (200 words):

we give a synopsis and ppt presentation. the concept is nicely convey to sir. and we are going to work on this project.

To be filled by Committee Members

Student Name	Is Log Book maintained and verified by Guide	1. Innovative Idea 2. Application 3. Work completion	Is presentation conducted on or before due date	Individual Presentation Skill and Depth of Understanding
1. Vishal Ankam	✓ YES / NO	✓ A / B / C	✓ YES / NO	A / B / C
2. vipul katariya	✓ YES / NO	✓ A / B / C		A / B / C
3. Alim Patel	✓ YES / NO	✓ A / B / C		A / B / C
4. Bharat Jadhav	✓ YES / NO	✓ A / B / C		A / B / C

A: Good,

B: Satisfactory,

C: Not Satisfactory

Fesibility of Project for UG Final Year

Is the project work undertaken by this group is acceptable for award of Bachelor Degree in Engineering: ✓ YES / NO

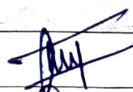
If No, mention the action taken:


Name of Committee Members


Sign with Date

1. Prof. S.S. Shah (Guide)

2. Prof. K.M. Gaikwad

  
21/09/17

  
(Prof. M.M. Sardeshmukh)

  
Project Coordinator  
(Prof. S.S. Shah)

S.T.E.S. SINHGAD ACADEMY OF ENGINEERING, KONDHAWA (Bk), PUNE

Department of Electronics & Telecommunication Academic

**Contineous Evaluation Sheet : Presentation No:2**

To be filled by Student

B.E.Project (Part -I) Progress Report

Academic Year: 2017-18

Date of Presentation: 25 Sept. 2017

Group Number: 46.

Project Title: smart street light system with energy saving function

Name of Sponsord Industry and Contribution:

\*Work done till 1st Presentation: selection of topic, literature survey. implementation of Block diagram:

\*Present work (200 words): preparation of diagram & learning of KiCad Software, advance literature survey.

\*Proposed Work: (100 Words) simulation of the circuit diagram on the software, hardware implementation, Testing of circuit. Report on project.

To be filled by Committee Members

Student Name	Is Log Book maintained and verified by Guide	Work Completion/ Project Progress	Is presentation conducted on or before due date	Individual Presentation Skill and Depth of Uderstanding
5. Vishal anagam	✓ YES / NO	A / B / C	✓ YES / NO	A / B / C
6. Vipul Kataria	✓ YES / NO	A / B / C		A / B / C
7. Alim Patel	✓ YES / NO	A / B / C		A / B / C
8. Bharat Jadhav	✓ YES / NO	A / B / C		A / B / C

A: Good,

B: Satisfactory,

C: Not Satisfactory

Name of Committee Members

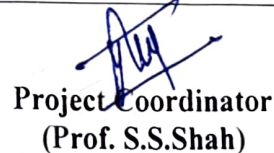
Sign with Date

3. Prof. S.S. Shah sir. (Guide)

4. Prof. K.M. Gaikwad sir.

  
H.O.D.

(Prof. M.M.Sardeshmukh)

  
Project Coordinator  
(Prof. S.S.Shah)

S.T.E.S. SINHGAD ACADEMY OF ENGINEERING, KONDHAWA (Bk), PUNE

Department of Electronics & Telecommunication Academic

**Contineous Evaluation Sheet : Presentation No:3**

**To be filled by Student**

B.E.Project (Part -II ) Progress Report

Academic Year: 2017-18

Date of Presentation: 10 - JAN - 2018

Group Number:

46

Project Title: Smart street light system with energy saving function

Name of Sponsord Organization:

\*Work done till 2nd Presentation:   
 - brought all the nessesary components   
 - Tested the components   
 - done simulation of ckt diagram   
 - completed report writing.

\*Present work (in 250 words):   
 - published the IEEE paper on easychair.com for confarence.   
 - proof of submission on the webside.   
 - And a hardcopy of paper.

\*Proposed Work: (100 Words)   
 diagram - Hardware implementation as per circuit   
 - coding of the project.

**To be filled by Committee Members**

Student Name	Is Log Book maintained and verified by Guide	Proposed work Execution	Is presentation conducted on or before due date	Presentation Skill and Understanding
9. Ankam Vishal	✓ YES/NO	A / B / C	✓ YES/NO	A / B / C
10. kataria vipul	✓ YES/NO	A / B / C		A / B / C (AB)
11. Patel Alim	✓ YES/NO	A / B / C		A / B / C
12. Jadhav Bhaat	✓ YES/NO	A / B / C		A / B / C

A: Good, B: Satisfactory, C: Not Satisfactory

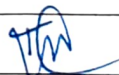
Name of Committee Members

Sign with Date

5. S.S. shaha sir (Guide)



6. Gaikwad sir





H.O.D. (Prof. M.M.Sardeshmukh)



Project Coordinator (Prof. S.S.Shah)

Continuous Evaluation Sheet : Presentation No:4

To be filled by Student

B.E.Project (Part -II) Progress Report

Academic Year: 2017-18

Date of Presentation: 13-04-2018

Group Number: 46

Project Title: smart street light system with energy saving function

Name of Sponsord Organization:

\*Work done till 3rd Presentation: :- Nearz about the completed the project work, turning the code on MP lab, successfully work the demo, paperz publish ~~completed~~ on IJSRD preparation & Ready for publi

\*Present work (in 200 words): started the Report for the completion of project, M@6 sensor connection, & metal sensor ppt presentation in front of committee memberz. Paperz publish on IJSRD site completed.

To be filled by Committee Members

Student Name	Is Log Book maintained and verified	Project work Completion	Is presentation conducted on or before due date	Presentation Skill and Uderstanding
13. Vishal Ankam	YES/NO	A / B / C	YES/NO	A / B / C
14. Alim Patel	YES/NO	A / B / C		A / B / C
15. Bharat Jadhav	YES/NO	A / B / C		A / B / C
16.	YES/NO	A / B / C		A / B / C

A: Good, B: Satisfactory, C: Not Satisfactory

Fesibility of Project for UG Final Year Is the project work undertaken by this group is acceptable for award of Bachelor Degree in Engineering: YES / NO

If YES Remarks by Committe member:

Committee Members  
 7. Prof. S.S. Shah (Guide)  
 8. Prof. K.M. Gaikwad.  
 H.O.D.  
 (Prof. M.M.Sardeshmukh)

Sign with Date  
 [Signature]  
 [Signature]  
 Project Coordinator  
 (Prof. S.S.Shah)