

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF ELECTRONICS

Student Project B.Sc.III
Academic Year - 2025-26

INDEX

| Sr.No. | Content | Page No. |
|--------|-------------------------|----------|
| 1 | Activity Report | 1 |
| 2 | Project Photos | 2-4 |
| 3 | Project Guide Allotment | 5 |
| 4 | Completed Project List | 6-8 |
| 5 | Certificates | 9-10 |
| 6 | Feedback | 11-19 |
| 7 | Feedback Analysis | 20 |


HEAD

Department of Electronics
Yashwantrao Chavan College of Science,
Karad




Principal

Yashwantrao Chavan College of Science, Karad

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF ELECTRONICS

ACTIVITY REPORT 2025-26



| | | |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| Name of the Department - Electronics | | Date -14.03.2026 |
| Name of the activity | B.Sc. III Electronics Students Project | |
| Purpose of Program | To motivate student to create innovative electronics project that integrate theoretical knowledge with practical applications. It also seeks to enhance student's skill in both hardware and software to benefit society through technology. | |
| No. of Students Participated | 17 | |
| No. of Teachers Participated | 04 | |
| Program outcomes | A Student learn to create useful electronics devices. They develop skill in both hardware and software. | |
| Program Photos | <p>Vanvadi, Maharashtra, India 🇮🇳 856q+7gr, Vanvadi, Maharashtra 415124, India Lat 17.310003° Long 74.18922° Saturday, 14/03/2026 04:06 PM GMT +05:30</p> <p>Vanvadi, Maharashtra, India 🇮🇳 856q+7gr, Vanvadi, Maharashtra 415124, India Lat 17.309985° Long 74.189246° Saturday, 14/03/2026 03:53 PM GMT +05:30</p> | |

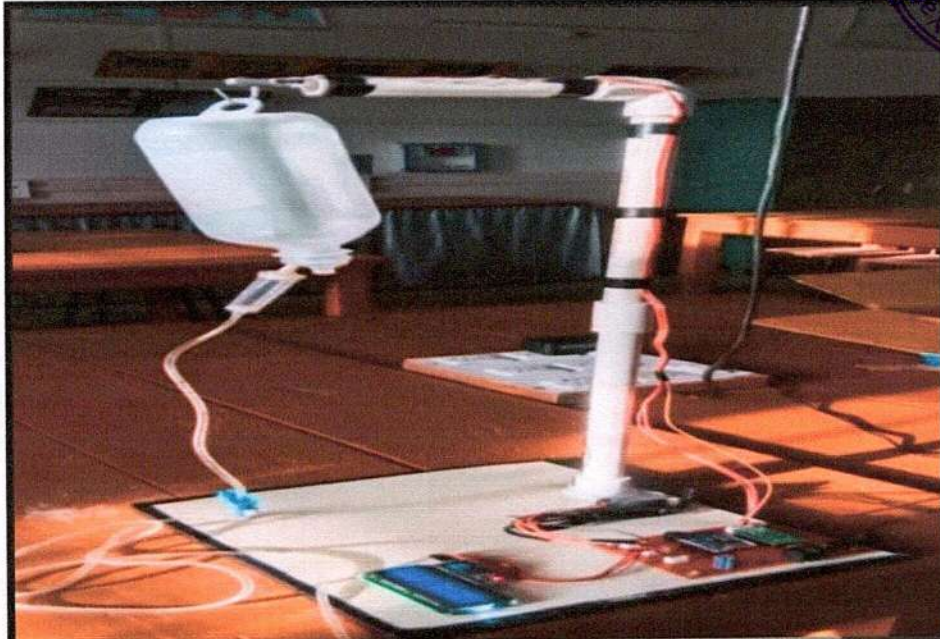
Signature
Teacher In charge

Signature
Head of Department
Department of Electronics

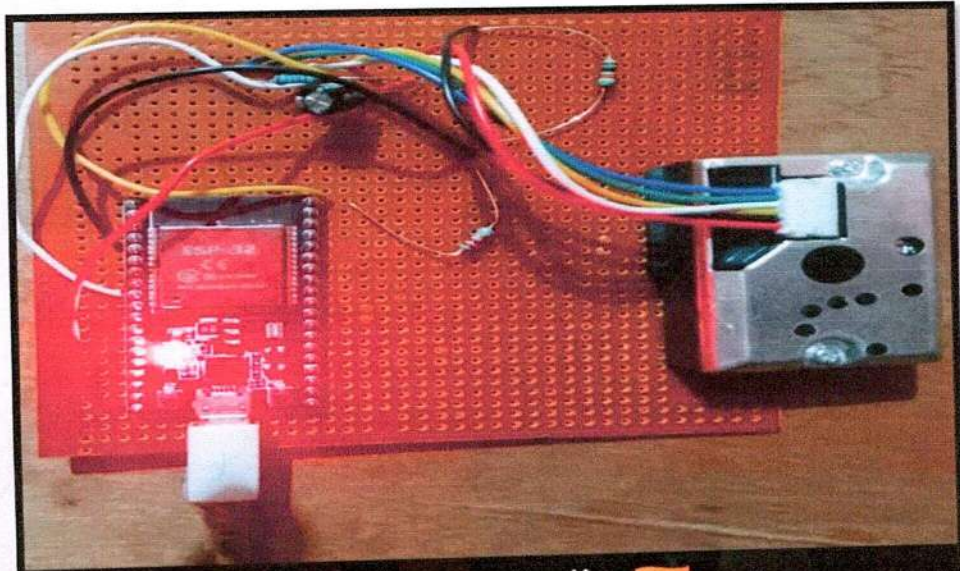
Signature
Principal
Yashwantrao Chavan College Of Science, Karad




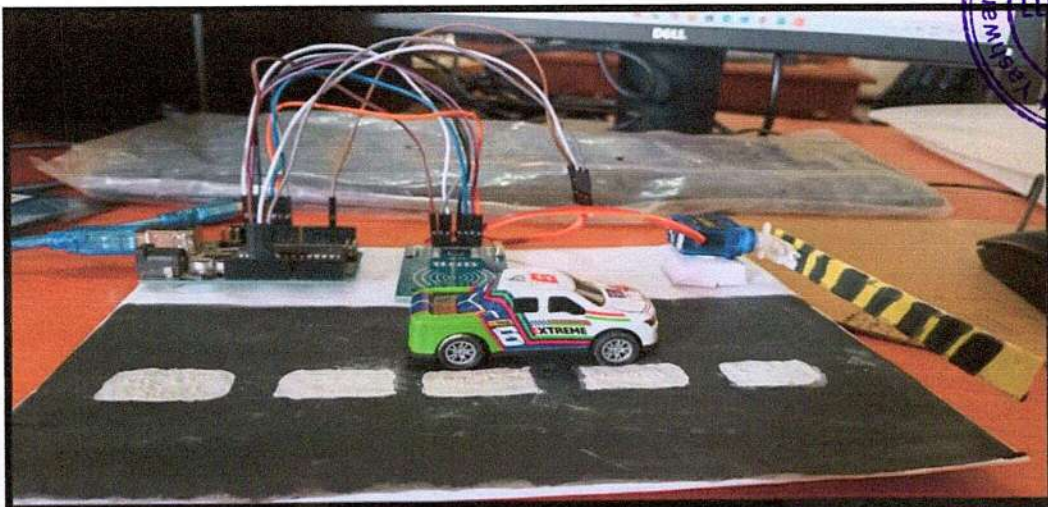
PROJECT PHOTOS



Vanvadi, Maharashtra, India 
856q+7gr, Vanvadi, Maharashtra 415124, India
Lat 17.310003° Long 74.18922°
Saturday, 14/03/2026 04:06 PM GMT +05:30



Karad, Maharashtra, India 
Yc College Of Science, 1, Near V C Collage, Tarangan Wishaw
Colony, Vidyanagar, Karad, Maharashtra 415124, India
Lat 17.309946° Long 74.189269°
Saturday, 14/03/2026 04:17 PM GMT +05:30



Vanvadi, Maharashtra, India 

856q+7gr, Vanvadi, Maharashtra 415124, India
 Lat 17.309982° Long 74.189252°
 Saturday, 14/03/2026 04:20 PM GMT +05:30



Vanvadi, Maharashtra, India 

856q+7gr, Vanvadi, Maharashtra 415124, India
 Lat 17.30998° Long 74.189253°
 Saturday, 14/03/2026 04:21 PM GMT +05:30



Vanvadi, Maharashtra, India 
856q+7gr, Vanvadi, Maharashtra 415124, India
Lat 17.309985° Long 74.189246°
Saturday, 14/03/2026 03:53 PM GMT +05:30



Vanvadi, Maharashtra, India 
856q+7gr, Vanvadi, Maharashtra 415124, India
Lat 17.310003° Long 74.18922°
Saturday, 14/03/2026 04:06 PM GMT +05:30

Electronics student and electronics staff presentation for projects

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF ELECTRONICS

Project Guide Allotment List :- B.Sc.III

Academic Year 2025-26

| Sr. No. | Name of Students | Guide Allotement |
|---------|-----------------------------|---------------------|
| 1 | Miss.Mandave Sakshi Santosh | Dr. A. A. Mulla |
| | Miss. Dhumal Shravni Kishor | |
| 2 | Miss. Shinde Renuka Anil | Dr. A. A. Mulla |
| | Miss. Kadam Mayuri Santosh | |
| | Miss. Babar Aishwarya Vijay | |
| 3 | Mr. NadageriLaxman Maryappa | Dr. M. P. Sarwade |
| | Mr. Sutar Pravin Ratan | |
| 4 | Mr. PhadtareShubham Dhanaji | Smt. A. A. Chalke |
| | Mr. Patel Jahid Shahabuddin | |
| | Mr.ShindeAtharv Subhash | |
| 5 | Mr. Patil Somesh Sanjay | Dr. M.P. Sarwade |
| | Mr. Dixit AkshayAnnaso | |
| | Mr. Kadam Sachin Shivaji | |
| 6 | Mr. Kolekar Vardhan Dipak | Smt. A. S. Deshmukh |
| | Mr. GhareRaviraj Vikas | |
| | Mr. Chavan Sohan Sunil | |
| 7 | Miss. NikamRutujaSachin | Smt. A. A. Chalke |
| | Miss.Chavan pratikshaSampat | Smt. A. S. Deshmukh |




HO/D
Department of Electronics
Yashwantrao Chavan College of Science,
Karad

6

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF ELECTRONICS

Project Report List :- B.Sc.III

Academic Year 2025-26

| Sr. No | Project Name | Name of Students | Guide Allotement |
|--------|---------------------------------------------------------------|------------------------------|---------------------|
| 1 | Smart Home Voice Control System Using AI | Miss.Mandave Sakshi Santosh | Dr. A. A. Mulla |
| | | Miss. Dhumal Shravni Kishor | |
| 2 | Automatic Toll gateControl System. | Miss. Shinde Renuka Anil | Dr. A. A. Mulla |
| | | Miss. Kadam Mayuri Santosh | |
| | | Miss. Babar Aishwarya Vijay | |
| 3 | Automatic Saline Level monitoring System Based on IoT | Mr. Nadageri Laxman Maryappa | Dr. M. P. Sarwade |
| | | Mr. Sutar Pravin Ratan | |
| 4 | IoT based Green house Parameter Monitoring and Control System | Mr. Phadtare Shubham Dhanaji | Smt. A. A. Chalke |
| | | Mr. Patel Jahid Shahabuddin | |
| | | Mr.ShindeAtharv Subhash | |
| 5 | ESP32 PM 2.5 Dust Detector with Webpage Monitoring | Mr. Patil Somesh Sanjay | Dr. M.P. Sarwade |
| | | Mr. Dixit AkshayAnnaso | |
| | | Mr. Kadam Sachin Shivaji | |
| 6 | Smart Water Pump System Using IoT | Mr. Kolekar Vardhan Dipak | Smt. A. S. Deshmukh |
| | | Mr. GhareRaviraj Vikas | |
| | | Mr. Chavan Sohan Sunil | |
| 7 | IoT Based Factory Management System | Miss. NikamRutujaSachin | Smt. A. S. Deshmukh |
| | | Miss. Kadam Mayuri Santosh | Smt. A. A. Chalke |




HEAD
Department of Electronics
Yashwantrao Chavan College of Science,
Karad

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE KARAD

DEPARTMENT OF ELECTRONICS


Project Report (Title)

B.Sc.III

Academic Year 2025 -26

| Sr.No. | Roll No. | Name of student | Project Name |
|--------|----------|--------------------------|------------------------------------------------------------------|
| 1 | 3006 | Sutar Praveen Ratan | Automatic Saline level monitoring System IOT based System |
| 2 | 3007 | Babar Aishwarya Vijay | Automatic Toll Gate control System |
| 3 | 3008 | Chavan Sohan Sunil | Absent |
| 4 | 3009 | Dixit Akshay Annaso | DUST detector using ESP32 |
| 5 | 3010 | Kadam Mayuri Santosh | Automatic Toll Gate control system |
| 6 | 3011 | Kadam Sachin Shivaji | Dust detector using ESP32 |
| 7 | 3012 | Kolekar Vardhan Deepak | Smart water Pump System using IOT. |
| 8 | 3013 | Nadageri Laxman Maryappa | Automatic saline level monitoring system iot based system |
| 9 | 3014 | Patel Jahid Shahabuddin | IOT based Green house parameter monitoring ingand control system |
| 10 | 3015 | Patil Somesh Sanjay | Dust detector using ESP32 |
| 11 | 3016 | Phadtare Shubham Dhanaji | IOT based greenhouse parameter monitoring ingand control system |
| 12 | 3017 | Dhumal Shravni Kishor | Smart Home Voice Control system ba using AI |
| 13 | 3018 | Chavan Pratiksha Sampat | IOT Based factory management system |
| 14 | 3019 | Shinde Atharv Subhash | IOT Based Green house parameter monitoring ingand control system |
| 15 | 3020 | Ghare Raviraj Vikas | Smart water Pump System using IOT |
| 16 | 3021 | Shinde Renuka Anil | Automatic Toll Gate Control System |
| 17 | 3022 | Nikam Rutuja Sachin | IOT Based factory management system |
| 18 | 3023 | Mandave Sakshi Santosh | Smart Home voice control system using AI |


Teacher incharge


H.O.D.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE KARAD

DEPARTMENT OF ELECTRONICS

presentation.

Project Attendance

^
B.Sc.III

Academic Year 2025 -26

| Sr.No. | Roll No. | Name of student | Sign. |
|--------|----------|--------------------------|-------------------------|
| 1 | 3006 | Sutar Praveen Ratan | <u>Puras</u> |
| 2 | 3007 | Babar Aishwarya Vijay | <u>A.V. Babar</u> |
| 3 | 3008 | Chavan Sohan Sunil | Absent |
| 4 | 3009 | Dixit Akshay Annaso | <u>Akshay Dixit</u> |
| 5 | 3010 | Kadam Mayuri Santosh | <u>Mayuri Kadam</u> |
| 6 | 3011 | Kadam Sachin Shivaji | <u>Sachin Kadam</u> |
| 7 | 3012 | Kolekar Vardhan Deepak | <u>Vardhan Kolekar</u> |
| 8 | 3013 | Nadageri Laxman Maryappa | <u>Laxman</u> |
| 9 | 3014 | Patel Jahid Shahabuddin | <u>Jahid Patel</u> |
| 10 | 3015 | Patil Somesh Sanjay | <u>Somesh Patil</u> |
| 11 | 3016 | Phadtare Shubham Dhanaji | <u>Shubham Phadtare</u> |
| 12 | 3017 | Dhumal Shravni Kishor | <u>Shravni Dhumal</u> |
| 13 | 3018 | Chavan Pratiksha Sampat | <u>Pratiksha Chavan</u> |
| 14 | 3019 | Shinde Atharv Subhash | <u>Atharv Shinde</u> |
| 15 | 3020 | Ghare Raviraj Vikas | <u>Raviraj Ghare</u> |
| 16 | 3021 | Shinde Renuka Anil | <u>Renuka Shinde</u> |
| 17 | 3022 | Nikam Rutuja Sachin | <u>R.S. Nikam</u> |
| 18. | 3023 | Maudare Sakshi Santosh | <u>Sakshi Maudare</u> |

[Signature]

Teacher incharge

[Signature]

H.O.D.

Department of Electronics
Yashwantrao Chavan College of Science,
Karad

Yashwantrao Chavan College of Science, Karad
Department of Electronics



This is to certify that, the project entitled "*Automatic Toll gate Control System*" which is submitted by,

Miss. Shinde Renuka Anil (336792)


Miss. Kadam Mayuri Santosh (336790)


Miss. Babar Aishwarya Vijay (336801)

in the partial fulfillment of the requirement for the award of the degree of "*Bachelor of Science in Electronics*" of *Shivaji University, Kolhapur* is the record of their own work carried out under my guidance year 2025-2026.

Place – Karad

Date- 11/03/2026


Dr. A. A. Mulla
Project Guide


Dr. A. A. Mulla
Head of Department


Examiner

Yashwantrao Chavan College of Science, Karad
Department of Electronics



This is to certify that, the project entitled "*IoT Based Factory Management System*" which is submitted by,

Miss. Chavan Pratiksha Sampat (336793)

Miss. Nikam Rutuja Sachin (336791)

in the partial fulfillment of the requirement for the award of the degree of "*Bachelor of Science in Electronics*" of *Shivaji University, Kolhapur* is the record of their own work carried out under my guidance year 2025-2026.

Place – Karad

Date –

Smt. A. S. Deshmukh

Smt. A. A. Chalke

Project Guide

Head of Department

Examiner

Yashwantrao Chavan College of Science, Karad
Department of Electronics
Feedback form

Name of the Activity – Student Project
 Class : BSc III

Roll No :- 3021

| | | Excellent | Very Good | Good | Satisfactory | Poor |
|---|---------------------------------------------------------------|-----------|-----------|------|--------------|------|
| 1 | Subject interest generated by project supervisor | ✓ | | | | |
| 2 | Support by teachers during project | ✓ | | | | |
| 3 | Development in research attitude | ✓ | | | | |
| 4 | Departmental laboratory facility | ✓ | | | | |
| 5 | Overall fulfillment and your expectations from the Department | ✓ | | | | |

Any Other suggestion if any

Name of the Students Renuka Anil Shinde

Date : 14/03/26

Sign: Renuka

Yashwantrao Chavan College of Science, Karad
Department of Electronics
Feedback form

Name of the Activity – Student Project
 Class : BSc III

Roll No :- 3010

| | | Excellent | Very Good | Good | Satisfactory | Poor |
|---|---------------------------------------------------------------|-----------|-----------|------|--------------|------|
| 1 | Subject interest generated by project supervisor | ✓ | | | | |
| 2 | Support by teachers during project | ✓ | | | | |
| 3 | Development in research attitude | ✓ | | | | |
| 4 | Departmental laboratory facility | ✓ | | | | |
| 5 | Overall fulfillment and your expectations from the Department | ✓ | | | | |

Any Other suggestion if any

Name of the Students Mayusi Santosh Kadam

Date : 14/03/26

Sign: Mayusi

Yashwantrao Chavan College of Science, Karad
Department of Electronics
Feedback form

Name of the Activity – Student Project
Class : B.Sc-III

Roll No :- 3009

| | | Excellent | Very Good | Good | Satisfactory | Poor |
|---|---------------------------------------------------------------|-----------|-----------|------|--------------|------|
| 1 | Subject interest generated by project supervisor | ✓ | | | | |
| 2 | Support by teachers during project | ✓ | | | | |
| 3 | Development in research attitude | ✓ | | | | |
| 4 | Departmental laboratory facility | ✓ | | | | |
| 5 | Overall fulfillment and your expectations from the Department | ✓ | | | | |

Any Other suggestion if any

Name of the Students Dimit Akshay Amuro

Date : 14/03/26

Sign: Dimit

Yashwantrao Chavan College of Science, Karad
Department of Electronics
Feedback form

Name of the Activity – Student Project
Class : B.Sc-III

Roll No :- 3019

| | | Excellent | Very Good | Good | Satisfactory | Poor |
|---|---------------------------------------------------------------|-----------|-----------|------|--------------|------|
| 1 | Subject interest generated by project supervisor | ✓ | | | | |
| 2 | Support by teachers during project | ✓ | | | | |
| 3 | Development in research attitude | ✓ | | | | |
| 4 | Departmental laboratory facility | ✓ | | | | |
| 5 | Overall fulfillment and your expectations from the Department | ✓ | | | | |

Any Other suggestion if any

Name of the Students shinde Atharv Subhash

Date : 14/03/26

Sign: shinde

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Electronics

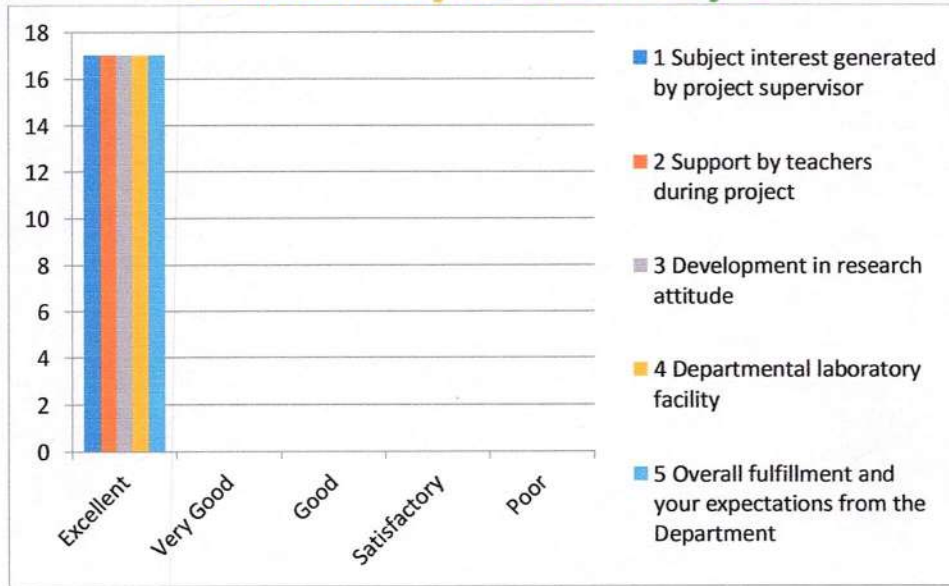
Name of the Activity :- Student Project -B.Sc.III

Feedback Analysis - 2025-26



| | | Excellent | Very Good | Good | Satisfactory | Poor |
|---|---------------------------------------------------------------|-----------|-----------|------|--------------|------|
| 1 | Subject interest generated by project supervisor | 17 | | | | |
| 2 | Support by teachers during project | 17 | | | | |
| 3 | Development in research attitude | 17 | | | | |
| 4 | Departmental laboratory facility | 17 | | | | |
| 5 | Overall fulfillment and your expectations from the Department | 17 | | | | |

Feedback Analysis - Student Project



Head
Department of Electronics
Yashwantrao Chavan College Of Science, Karad

Principal
Yashwantrao Chavan College of Science, Karad