



RAJARAJESWARI COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
"TRANSFORMERZ"
ASSOCIATION OF ELECTRICAL AND ELECTRONICS ENGG



Chief Patrons:

Dr.A.C.Shanmugam, B.A.L.L.B., FIMSA, FRCPS (Glasgow, U.K)
Chairman, RajaRajeswari Group of Institutions
Sri A.C.S. Arun Kumar
Vice-Chairman, RajaRajeswari Group of Institutions

Patrons:

Dr.S.Vijayanand, M.Tech, Ph.D
Executive Director, RajaRajeswari Group of Institutions
Prof. S. Jeyabalan
Special officer, RajaRajeswari Group of Institutions
Sri.C.N.Seetharam, IAS (Retd.)
CEO, RajaRajeswari Group of Institutions
Dr.T.R.Gopalakrishnan Nair
Rector, RajaRajeswari Group of Institutions

Chairman

Dr.R.Balakrishna
Principal, RRCE

Organizing Secretary

Dr.M.Arunachalam
Prof & HOD, EEE, RRCE

Convener

Prof.Vidya Shree.K
Asst.Prof, EEE, RRCE
Prof. Nandini N
Asst.Prof, EEE, RRCE
Prof.Rashmi J V
Asst.Prof, EEE, RRCE

Student coordinators:

Bhoomika (4th sem)
Harshitha.R (6th sem)
Harsha (8th sem)

INVITATION

3 DAYS WORKSHOP

ON

**"DESIGN & DEVELOPMENT OF
EMBEDDED SYSTEM USING IOT
APPLICATIONS"**

BY

Mr. Panish Dudda . T

Embedded Software Developer,
Loginware Softec Pvt.Ltd, Hassan

&

Mr. Thejas P Achar

Embedded Software Developer,
Loginware Softec Pvt.Ltd, Hassan

Date: 04/04/2018 to 06/04/2018

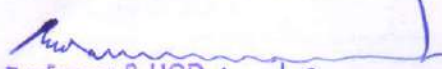
Inauguration: 4/04/2018

Time: 10.00 a.m

Venue : EEE Seminar Hall

Please see next page for schedule

ALL ARE CORDIALLY INVITED


Professor & HOD

03/04/18
Dept. of Electrical & Electronics Engg.
Rajarajeswari College Of Engineering
Bangaluru-74

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RAJARAJESWARI COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
 (NBA ACCREDITED PROGRAMME)

Three Days Workshop

Sl No.	Date	Time	Topic	Resource Person
1.	Wednesday , April 4 th ,2018	10:00 A.M-10:30 A.M	Inauguration	
2.	Wednesday April 4 th ,2018	10:30 A.M – 12:30 PM	Discussion on Embedded Systems in a Nutshell	Mr.Panish Dudda.T, Loginware pvt limited
		1:30PM –4:00 PM	Introduction to Internet of Things and its Architecture, Introduction to IOT Platform: Raspberry Pi, Installing Raspbian OS on Raspberry Pi (Hands on).Getting familiar with Programming tools like terminal emulator (Hands on). Introduction to IO Pins of Raspberry Pi and Various IO Peripherals. Interfacing hardware peripherals to GPIO Pins of Raspberry Pi (Hands on).Interfacing LED and Switch (Hands on).Experimenting various patterns with number of LED's and switch. (Hands on).	Mr.Thejas.P.Achar,Loginware pvt limited
3.	Thursday April 5 th ,2018	10:00 A.M – 12:30 PM	Introduction to Display Devices and its principal of operation.(Brainstorming) Interfacing Display Device (LCD) to Raspberry Pi.(Hands on) Experimenting with various display patterns and custom characters(Hands on).Introduction to Relay circuit and its principal of operation.(Brainstorming) Interfacing Relay and Buzzer to Raspberry Pi GPIO.(Hands on) Interfacing DC motor and L293D DC motor driver.(Hands on)	Mr.Thejas.P.Achar,Loginware pvt limited
		1:30PM –4:00 PM	Introduction to Sensorsonics (Brainstorming).Interfacing various analog and digital sensors like Temperature sensor, pressure sensor ,humidity sensor, fire sensor, IR sensor and Ultrasonic sensor.(Hands on) Introduction to Serial Communication (Brainstorming).Interfacing various serial communication devices like zigbee, Bluetooth and RFID (Hands on). Demo of GPS and GSM technologies.	Mr.Thejas.P.Achar,Loginware pvt limited
4.	Friday April 6 th ,2018	10:00 A.M – 12:30 PM	Introduction to Internet of things.(Brainstorming).Introduction to IOT architecture and various levels.(Brainstorming).Introduction to UBDOTS.(A Cloud IOT Platform). (Brainstorming).Brainstorming on Applications of IOT.Working with UBDOTS and embedded peripherals. (Hands on).Experiencing IOT with UBDOTS and controlling of embedded peripherals. (hands on).	Mr.Thejas.P.Achar,Loginware pvt limited
		1:30PM –4:00 PM	A group event for creating a working prototype to present a solution to real time problem using Raspberry pi and various hardware peripherals and IOT Concept.	Mr.Thejas.P.Achar,Loginware pvt limited



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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REPORT ON 3 DAYS WORKSHOP PROGRAMME

A 3 days workshop programme on "Design and Development of Embedded System Using IOT" was conducted for the students of Department of Electrical and Electronics Engineering by Loginware Softec pvt.Ltd from 04/04/18-06/04/18. On 04th April inauguration was held in the college in EEE Seminar hall. The program was hosted by Harshitha.R, our 6th sem student. The program started with an invocation song and was followed by welcome address to the dignitaries. The following dignitaries were on Dias

Dr. T.R. GopalakrishnaNair	Rector, RRG I
Dr.R.Balakrishna	Principal, RRCE
Prof M. Prabakar	Vice -Principal, RRCE
Prof.Dr. M .Arunachalam	HOD of EEE, RRCE
Mr.Panish Dudda.T	Embedded Software Developer
Mr.Thejas P Achar	Embedded Software Developer

Prof. Dr. M.Arunachalam, HOD, Dept of EEE welcomed the resource persons and addressed the students about the importance of workshop on embedded system using iot. Dr. T.R. Gopalakrishna Nair, Rector, RRG I explained why it is necessary for the students to undergo such workshop. Then Prof M.Prabhakar, Vice-principal, RRCE advised students not to miss such a golden opportunity of getting trained by such well versed o organization.

Then session was continued by Mr.Panish Dudda.T on Embedded System using iot The session was graced by 70 students. Mr.Panish Dudda discussed about

- What shall we learn on this embedded system

- Importance of IOT
- Using of raspberry pi
- Discuss about the software languages
- Discuss about Building up the mini project

The inaugural programme was ended with vote of thanks by our HOD. The first day workshop started they gave introduction about raspberry pi ,what's that, description about its pin....etc and also taught the basic C language and compared it with python . The Second day of workshop started they taught about python language and how to use with raspberry pi and interfacing with Rfid sensors, led, buzzer,relay,switch..etc. The 3rd day was on IOT interfacing with Raspberry pi in morning session and in the afternoon they had give a task to built your on mini project using Raspberry pi and IOT. Atlast there selected a good mini project and student shared the experience about the workshop.

It was the opinion of the participants that the whole 3 days workshop programme was very useful and informative.

INAUGURATION PROGRAMME





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23

Rajarajeswari College of Engineering
Department of Electrical and Electronics Engg
 List of students attended for Work shop

SL NO.	USN	Name of Students	4/4/2018		5/4/2018		6/4/2018	
			morning	afternoon	morning	afternoon	morning	afternoon
1	IRR16EE004	ANUSHA S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2	IRR16EE005	ANUSHA M K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3	IRR16EE006	ARPITH K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4	IRR16EE007	BHOOMIKA G	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5	IRR16EE008	BINDU M R	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6	IRR16EE009	DEEPTHI S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7	IRR16EE010	DHRUVA D C	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8	IRR16EE011	DIVYA K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9	IRR16EE013	KAVYA G M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10	IRR16EE015	KRUTHI S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
11	IRR16EE016	LAKSHMISHREE C	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12	IRR16EE017	LIKHITHA B J	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13	IRR16EE018	M SPOORTHI	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14	IRR16EE021	MOHAN KUMAR P	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15	IRR16EE022	MOLKIRE VASINAVI DHANRAJ	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16	IRR16EE023	NARENDRA BABU G	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17	IRR16EE027	RAKESH C S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
18	IRR16EE031	SAHANA D P	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
19	IRR16EE033	SARALA C	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
20	IRR16EE035	SMITHA B M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
21	IRR16EE036	SUPRIYA B H	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
22	IRR16EE038	THRISHANK H S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
23	IRR16EE039	THUSHARA H G	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
24	IRR16EE040	UDAY KANTH YADAV G	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
25	IRR15EE002	ADITHYA MT	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
26	IRR15EE003	ADNAN AZEEZ	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
27	IRR15EE004	AISHWARYA MN	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
28	IRR15EE005	AKSHAYKUMAR T	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
29	IRR15EE006	ANUSHA D	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
30	IRR15EE007	ANUSHA M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
31	IRR15EE009	ARUN H A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
32	IRR15EE011	CHAITHRA M C	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
33	IRR15EE012	DARSHAN M U	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
34	IRR15EE013	G DARSHINI	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
35	IRR15EE015	HARSHITHA KJ	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
36	IRR15EE021	MEGANA C	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
37	IRR15EE022	NAGARAJA K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
38	IRR15EE023	NAVYA SHREE S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
39	IRR15EE026	PRIYANKA YADAV L	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
40	IRR15EE030	RAKSHITHA K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

41	IRR15EE031	RAKSHITHA N							
42	IRR15EE034	SHAKTHIPRIYA B	Shaktipriya	Shaktipriya	Shaktipriya	Shaktipriya	Shaktipriya	Shaktipriya	Shaktipriya
43	IRR15EE035	SHILPA S	Shilpa S	Shilpa S	Shilpa S	Shilpa S	Shilpa S	Shilpa S	Shilpa S
44	IRR15EE037	SINDHUSHREE R S	Sindhu	Sindhu	Sindhu	Sindhu	Sindhu	Sindhu	Sindhu
45	IRR15EE039	SUMAN K	Suman K	Suman K	Suman K	Suman K	Suman K	Suman K	Suman K
46	IRR15EE042	SUSHMITHA ML	Sushmitha ML	Sushmitha ML	Sushmitha ML	Sushmitha ML	Sushmitha ML	Sushmitha ML	Sushmitha ML
47	IRR15EE043	SWETHA V S	Swetha	Swetha	Swetha	Swetha	Swetha	Swetha	Swetha
48	IRR15EE044	TASADEEK	Tasa	Tasa	Tasa	Tasa	Tasa	Tasa	Tasa
49	IRR15EE048	HARSHITHA R	Harshitha R	Harshitha R	Harshitha R	Harshitha R	Harshitha R	Harshitha R	Harshitha R
50	IRR16EE400	BHARATH V	Bharath	Bharath	Bharath	Bharath	Bharath	Bharath	Bharath
51	IRR16EE401	CHAITHRA K	Chaitra	Chaitra	Chaitra	Chaitra	Chaitra	Chaitra	Chaitra
52	IRR16EE407	MANJUNATH R	Manjunath R	Manjunath R	Manjunath R	Manjunath R	Manjunath R	Manjunath R	Manjunath R
53	IRR16EE411	NEHA I M	Neha	Neha	Neha	Neha	Neha	Neha	Neha
54	IRR16EE414	RAGHAVENDRA B R	Raghavendra	Raghavendra	Raghavendra	Raghavendra	Raghavendra	Raghavendra	Raghavendra
55	IRR16EE415	RAJESH G	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh
56	IRR16EE418	SHASHIKUMAR R	Shashikumar	Shashikumar	Shashikumar	Shashikumar	Shashikumar	Shashikumar	Shashikumar
57	IRR16EE420	SHWETHA	Shwetha	Shwetha	Shwetha	Shwetha	Shwetha	Shwetha	Shwetha
58	IRR16EE422	SRIKANTH V	Srikant	Srikant	Srikant	Srikant	Srikant	Srikant	Srikant
59	IRR14EE003	ARAVIND BABU .P.R	Aravind	Aravind	Aravind	Aravind	Aravind	Aravind	Aravind
60	IRR15EE410	SANDEEP T R	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep
61	IRR14EE015	KAVYA M BHARADWAJ	Kavya	Kavya	Kavya	Kavya	Kavya	Kavya	Kavya
62	IRR13EE016	KALYAN KIRAN	Kalyan	Kalyan	Kalyan	Kalyan	Kalyan	Kalyan	Kalyan
63	IRR15EE035	SANDEEP L	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep

63 IRR13EE035

64 IRR14EE001 Anantharavasthuni, M Anantharavasthuni, M Anantharavasthuni, M Anantharavasthuni, M Anantharavasthuni, M

20

Given:- 18

18 students

8000
Given
Vidya

S. NO.	USN	Name of Students	sign ₹ 500
1	IRR15EE010	SULOK B L	
2	IRR15EE047	VINEETH	
3	IRR16EE002	ABDUL RAHAMAN	
4	IRR16EE004	ANUSHA S	
✓5	IRR16EE005	ANUSHA M K	Anusha M.K.
✗6	IRR16EE006	ARPITH K	Arpitha K.
7	IRR16EE007	BHOOMIKA G	Bhoonika
✓8	IRR16EE008	BINDU M R	Bindu MR.
9	IRR16EE009	DEEPTHI S	Deepthi S.
10	IRR16EE010	DHRUVA D C	Dhr
11	IRR16EE011	DIVYA K	Divya K.
✓12	IRR16EE013	KAVYA G M	Kavya G.M.
13	IRR16EE014	KEERTHAN A	
14	IRR16EE015	KRUTHI S	Kruthi S.
15	IRR16EE016	LAKSHMISHREE C	Lakshmi Shree - C
✓16	IRR16EE017	LIKHITHA B J	Likhitha B.J.
✓17	IRR16EE018	M SPOORTHI	Spoorthi
18	IRR16EE019	MOHAMMED NAZEER AHMED	Mohammed
✓19	IRR16EE021	MOHAN KUMAR P	Mohan
20	IRR16EE022	MOLKIRE VASINAVI DHANRAJ Vaishnavi	Vaishnavi M.
✓21	IRR16EE023	NARENDRA BABU G	Narendrababu G.
22	IRR16EE027	RAKESH C S	Rakesh C.S.
23	IRR16EE029	SABA RAMAN	
24	IRR16EE030	SAHANA B L	
25	IRR16EE031	SAHANA D P	Sahana D.P.
26	IRR16EE033	SARALA C	Sarala C.
27	IRR16EE035	SMITHA B M	Smitha B.M.
✓28	IRR16EE036	SUPRIYA B H	Supriya B.H.
29	IRR16EE037	SWAROOP M S	
✓30	IRR16EE038	THRISHANK H S	Thrishank H.S.
31	IRR16EE039	THUSHARA H G	Thushara H.G.
32	IRR16EE040	UDAYA KANTH YADAV G	Udaya Kant
33	IRR16EE042	VASANTHKUMAR B N	Vasanth Kumar
34	IRR16EE043	VIJAY G S	
35	IRR16EE044	VIJAYALAKSHMI N	
36	IRR17EE400	ABHISHEK V	Abhishek V.
37	IRR17EE401	ANES NADAF	
38	IRR17EE402	AYYANAGOUDA	Ayyan Gouda
39	IRR17EE403	BHANUPRIYA B S	
40	IRR17EE404	CHARAN SINGH R	
41	IRR17EE405	JAGADISH	
42	IRR17EE406	NITHIN S	Nithin S.
43	IRR17EE407	SURESH	
44	IRR17EE408	YASHWANTH D S	Yashwanth D.S.
45	IRR17EE409	NADEEM LONE	

RAJARAJESWARI COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VI SEMESTER semester 2017-18

Harshitha R
Priyanka
Navya

SL No	USN	Name of the student	SIGNATURE
1	1RR15EE002	ADITHYA MT	
2	1RR15EE003	ADNAN AZEEZ	
3	1RR15EE004	AISHWARYA MN	
4	1RR15EE005	AKSHAYKUMAR T	Akshaykumar T
5	1RR15EE006	ANUSHA D	Anusha D
6	1RR15EE007	ANUSHA M	Anusha M
7	1RR15EE009	ARUN H A	Arun H A
8	1RR15EE011	CHAITHRA M C	Chaithra M C
9	1RR15EE012	DARSHAN M U	Darshan M U
10	1RR15EE013	G DARSHINI	G Darshini
11	1RR15EE015	HARSHITHA KJ	Harshitha KJ
12	1RR15EE021	MEGANA C	Megana C
13	1RR15EE022	NAGARAJA K	Nagaraja K
14	1RR15EE023	NAVYA SHREE S	Navyashree S
15	1RR15EE026	PRIYANKA YADAV L	Priyanka
16	1RR15EE030	RAKSHITHA K	Rakshitha K
17	1RR15EE031	RAKSHITHA N	Rakshitha N
18	1RR15EE034	SHAKTHIPRIYA B	Shakthipriya B
19	1RR15EE035	SHILPA S	Shilpa S
20	1RR15EE037	SINDHUSHREE R S	Sindhushree R S
21	1RR15EE039	SUMAN K	Suman K
22	1RR15EE042	SUSHMITHA ML	Sushmitha ML
23	1RR15EE043	SWETHA V S	Swetha V S
24	1RR15EE044	TASADEEK HASSANDAR	Tasadeek
25	1RR15EE048	HARSHITHA R	Harshitha R
26	1RR16EE400	BHARATH V	Bharath V
27	1RR16EE401	CHAITHRA K	Chaithrak
28	1RR16EE403	GANESH K	Ganesh K
29	1RR16EE407	MANJUNATH R	Manjunath R
30	1RR16EE411	NEHA I M	Neha I M
31	1RR16EE414	RAGHAVENDRA B R	Raghavendra B R
32	1RR16EE415	RAJESH G	Rajesh G
33	1RR16EE418	SHASHIKUMAR R	Shashikummar R
34	1RR16EE420	SHWETHA M	Shwetha M
35	1RR16EE422	SRIKANTH V	Srikanth V
36	1RR14EE003	ARAVIND BABU	Aravind Babu
37	1RR14EE004	ARPITHA J	Arpitha J
38	1RR14EE009	DINESHA DG	Dinesh - D G
39	1RR14EE027	NIRMALA E	Nirmala E

1500 → Nandini

21 + 2 = 23

18 students

18 x 500

20 x 500

10,000

Collected.

10,000

Widya