MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is executed at Vijayawada on this 11th Day of May, 2017 by and between;

BVR Malls Pvt. Limited, a company incorporated under the Companies Act, 1956 and having its registered office at Door No. 39-1-57, NTS (New Ward No.28), M.G. Road, Moghalrajapuram, Opposite Chennupati Petrol Pump, Vijayawada – 520010 represented by its Managing Director, **Mrs. Jhansi Sureddi,** (Hereinafter referred to as the "BVR", which expression shall, unless repugnant to the context or meaning thereof, mean and include its successors and assigns) being the Party of the First Part.

And

Potti Sriramulu Chalavadi Mallikharjuna Rao College of Engineering & Technology, an Engineering college, having its registered office at 7-3-6/1, Raghavareddy Street, Kothapeta, Vijayawada-01, Andhra Pradesh, 52000 represented by its Principal, **Dr. K.Nageswara Rao,** (Hereinafter referred to as the "PSCV", which expression shall, unless repugnant to the context or meaning thereof, mean and include its successors and assigns) being the Party of the Second Part.
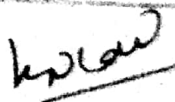
"BVR" and "PSCV", are hereinafter, wherever the context so requires, individually referred to as **"Party"** and collectively as **"Parties"**.

Whereas:

A. BVR is engaged in the business of construction and Leasing of Malls and constructed a shopping mall called PVP Square (hereinafter referred to as Mall), in the city of Vijayawada.

B. PSCV is engaged in the service of Engineering & Technical education with college name referred as Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering & Technology in the city of Vijayawada.

C. BVR has proposed to launch a Mall App for PVP Square Mall in association with PSCV to communicate mall customers about the mall info, offers & brands list etc..

D. PSCV has shown interest to associate with BVR and develop an APP for PVP Square Mall on the following terms and conditions.

NOW THIS MOU WITNESSETH AS FOLLOWS:

1

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
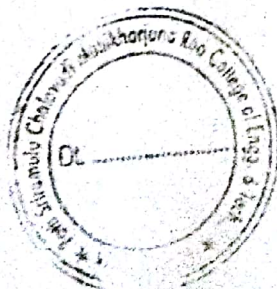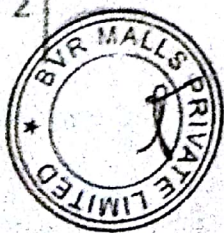College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001

Term:

This MoU is valid till 31ˢᵗ March, 2019, from the date of its execution. This Agreement shall remain in effect for a period of two (2) years from the Effective Date unless otherwise terminated by either Party giving notice to the other of its desire to terminate this Agreement.

Deliverables of PSCV

1. PSCV shall prepare a development plan ("Development Plan") for the Software, satisfying the requirements set forth in the Functional Specifications. The Development Plan shall include:

   (a) Detailed Specifications for the application;

   (b) A listing of all items to be delivered to Customer under this Agreement ("Deliverables");

   (c) A delivery schedule containing a delivery date for each Deliverable; and

2. PSCV shall deliver the Development Plan to Customer by June 10, 2017. BVR shall have 7 days to review the Development Plan. Upon approval of the Development Plan by BVR, it will be marked and will be deemed by both parties to have become a part of this Agreement and will be incorporated by reference. PSCV shall then commence development of Software that will substantially conform to the requirements set forth in the Development Plan.

3. PSCV shall develop an android platform app for PVP Square mall as desired by BVR with various pages like – Home, Offers/Updates, Store Directory, Gallery, Movie ticket bookings, Location map, Contact details, Notifications, etc.,

4. PSCV shall nominate a one point contact person from their associate team to coordinate in developing the App.

5. PSCV shall give access to control panel to BVR team to update the Offers & latest happenings in the mall.

6. Based on the requirement PSCV can further develop the app on iOS & windows platform.

Deliverables of BVR

1. BVR shall give sole rights to PSCV in developing the PVP Square App

2

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Ra
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 00

2. BVR shall nominate an executive as one point contact person to coordinate in developing the App.

3. BVR shall share all the necessary data like- mall template, logos, photos, stores list, etc., as required to develop the App

Obligations of BVR Malls Pvt Ltd.

- PSCV shall oblige BVR to maintain the designed content confidentially without any misuse by students/staff.

- The App designed by PSCV should be compatible with all type of Android platform mobiles

Obligations of PSCV:

- PSCV shall place the institute logo at the bottom of the App in small size with heading "App maintained by"

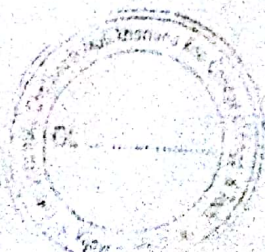- PSCV can showcase the project details in college website/profile

Commercials:

- BVR shall not pay any commercials to PSCV to develop and maintain the App

- BVR will pay the amount as applicable for hosting (or) integration to Google Play store upon producing the necessary documents of estimations.

Termination:

- This Agreement commences on the date it is executed and shall continue until full cooperation by both parties BVR and PSCV, or until earlier terminated by one party under the terms of this Agreement. This agreement can be withdrawn by either party at any point of time by giving 7 days notice.
- Incase BVR finds any issues with PSCV as stated below:
    - App designs & services are not satisfactory
    - Misuse of content
    - Delay in the services.
    - Any unsolvable technical issues
    - Improper functioning of the App
- Upon termination PSCV shall handover all the designed content to BVR on as is where is condition.

3

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001

Miscellaneous:

Confidentiality: The terms and conditions of this MoU, attachments and amendments hereto, if any shall be kept confidential by the Parties at all times and not to be disclosed to any person or third party, except and to the extent as may be required for the purpose of complying with applicable law.

Force Majeure: Neither Party shall be liable for any failure or delay in its performance due to circumstances beyond its reasonable control, provided that it notifies the other party as soon as practicable and uses its best efforts to resume performance.

Indemnity: Each party shall indemnify and keep indemnified, defend and hold harmless the other Party and their respective officers, directors, employees (collectively the "Indemnified Persons") from and against any and all direct losses, claims, costs, liabilities, judgments, expenses or damages that the indemnified person may incur or suffer as a result of or arising out of breach of any representation made by it under this Agreement.

Severability: If any part or any provision of this MoU is or becomes illegal, invalid or unenforceable, that part or provision shall be ineffective to the extent of such invalidity or unenforceability only, without in any way affecting the validity or enforceability of the remaining parts of said provision or the remaining provisions of this MoU. The Parties hereby agree to attempt to substitute any invalid or unenforceable provision with a valid or enforceable provision, which achieves to the greatest extent possible the economic, legal and commercial objectives of the invalid or unenforceable provision.

Assignment: The Parties to the Agreement shall not assign or purport to assign or otherwise deal with any of its rights and obligations hereunder without the prior written consent of the other party.

Waiver: Failure of a Party to exercise promptly any option or right granted, or to require strict performance of any obligation herein imposed shall not be deemed to be a waiver of such rights or of the right to demand subsequent performance of any and all obligations herein imposed.

Amendments: All changes and amendments to this Agreement or to any attachment thereto are valid only if made in writing and signed by duly authorised representatives of both the parties.

DISPUTE RESOLUTION:

In the event of any disputes, differences, or controversies arise between the parties hereto, out of or in relation to or in connection with provisions of this MoU, or any action taken hereunder, the Parties hereto shall thoroughly explore all possibilities for an amicable settlement. In case the amicable settlement cannot be reached, such disputes, differences or controversies shall be referred to sole Arbitrator appointed with the mutual consent of both the parties in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the venue of such Arbitration shall be Vijayawada and

4

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
VIJAYAWADA-520 001

the proceedings shall be conducted in English. The award of the Arbitrator/Arbitral Tribunal shall be final and binding on both the parties hereto.

Jurisdiction: This Agreement shall be governed and construed by and in accordance with the laws of India and subject to the exclusive jurisdiction of the courts of Vijayawada.

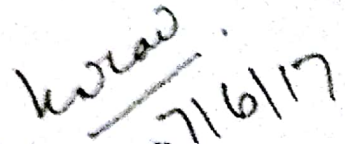**IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MoU AS OF THE DAY AND YEAR FIRST ABOVE WRITTEN:**
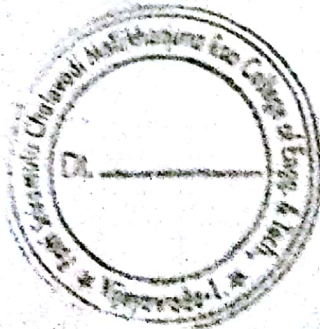
For BVR Malls Pvt Ltd.
(BVR)

Mrs. Jhansi Sureddi
Managing Director

For Potti Sriramulu Chalavadi
Mallikarjuna Rao College of
Engineering & Technology
(PSCV)

7/6/17

Dr. K. Nageswara Rao
Principal   PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

Project Proposal

Title of the Project: An Android Application to PVP Square Mall

Team Members (Total): 6

Faculty Members(Names) :   B SARATH CHANDRA
                                CH DURGA

Student Members (Names):
 1. B. SRI HARSHA   IV YEAR
 2. P V ARUN PRADEEP   IV YEAR
 3. J V RAMANA BABU   IV YEAR
 4. A SAI KUMAR REDDY   IV YEAR

Objective:
   BVR has proposed to launch a Mall App for PVP Square Mall in association with PSCV to communicate mall customers about the mall info, offers & brands list etc., PSCV has shown interest to associate with BVR and develop an APP for PVP Square Mall on the following terms and conditions.

Details of Proposal Sent or Competitions Participated :
   PSCV shall develop an android platform app for PVP Square mall as desired by BVR with various pages like –.

   1) Home with Gallery of Images
   2) Offers/Updates
   3) Store Directory
   4) Contact details,
   5) Feed Back Details to Gmail.

Hardware Requirements:
   * Intel Processor, 6 GB RAM, 500 GB HARD DISK

Software Requirements:
   * Apache Server (with php libraries) as Application Server
   * MySQL Server as Database Server
   * Android Studio IDE(Tool)
   * Android SDK, ADT
   * Blue Stack Emulator

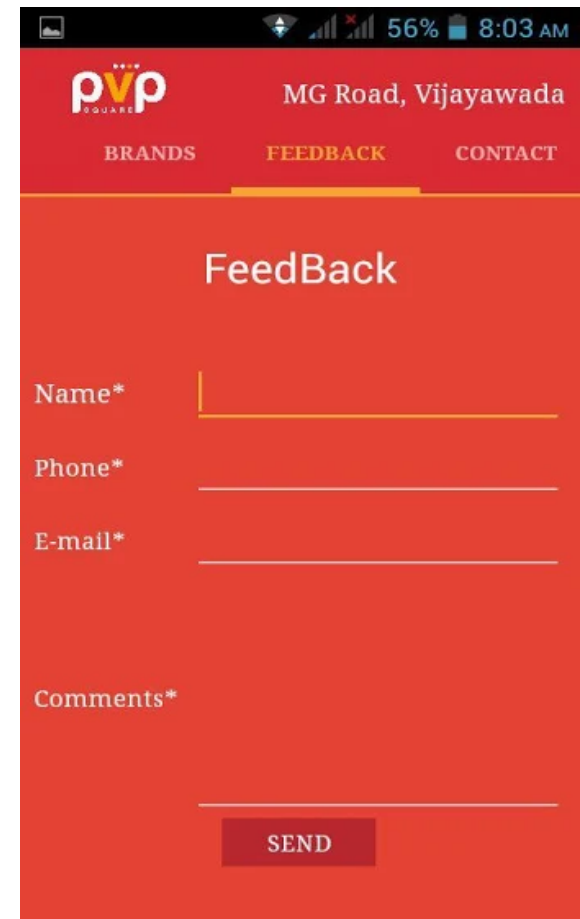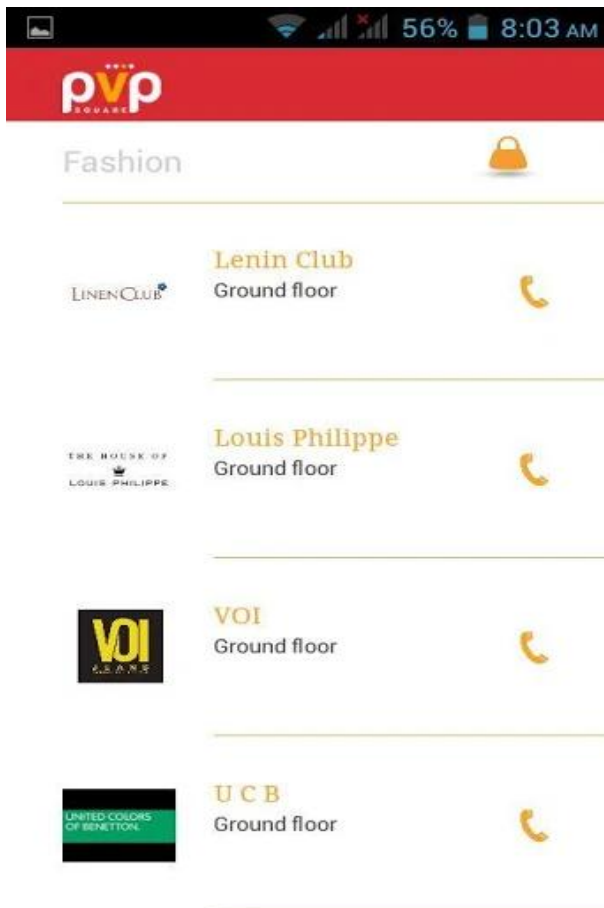## Out Come:
   To make Android Application for PVP Square Mall for productive marketing with mall information.

PO Mapping : (Insert tick Mark(*)

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	*		*		*			*		*	*

Output Screens:
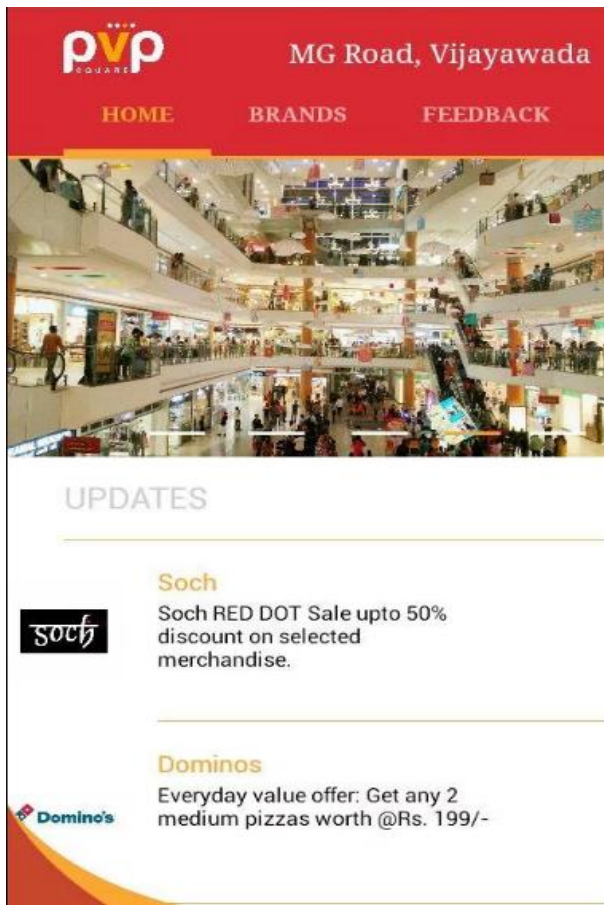
CONTACT US

PVP Square Mall
(BVR Malls Pvt Ltd)

#39 – 1- 57,MG Road,Vijayawada,
Andhra Pradesh – 520010

Mall Office :

0866 2498111 info@pvpsquare.com

Movie Tickets :

0866 6767900 & 6767800

Branding & Promotion :
marketing@pvpglobal.co
0866 6767741 | m

Reach us

Follow us on:

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

Project Proposal

Title of the Project: An Android & Web Application to SAMARASATA SEWA

Team Members (Total) : 6

Faculty Members(Names) :   B SARATH CHANDRA, I MURALI KRISHNA

Student Members (Names):
 1. B. SRI HARSHA   IV YEAR
 2. V. MUTHU   IV YEAR
3. Kiran   III YEAR
4. Teja   III YEAR

Objective :

SSF has proposed to launch a better App for SAMARASATA Sewa Foundation in association with PSCV. PSCV to communicate SAMARASTA SEWA volutneers about to uploading temple images with under premises of temple gps locations., PSCV has shown interest to associate with SAMARASATA SEWA with the following terms and conditions.

Details of Proposal Sent or Competitions Participated :

PSCV shall develop an android platform app to SAMARASATA SEWA pages like –

1. Temple status while uploading live Capturing Images with GPS

2. Temple Status like Sanctioned/Construction/Cancelled

3. Volunteers List/Daily Report/Attendance Report.

4. Weekly Wise Bhajana Report & related to it.

Hardware Requirements:

* Intel Processor, 6 GB RAM, 500 GB HARD DISK

Software Requirements:

* Apache Server (with php libraries) as Application Server
* MySQL Server as Database Server
* Android Studio IDE(Tool)
* Android SDK, ADT
* Blue Stack Emulator

Out Come:

To make Android Application to SAMARASATA SEWA for maintaining temple status .

PO Mapping : (Insert tick Mark(*)

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	*		*		*			*		*	*

Output Screens:

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

Project Proposal

Title of the Project: An Android App to SVVEMS

Team Members (Total) : 6

Faculty Members(Names) : B SARATH CHANDRA, Mrs. CH. B.V.Durga

Student Members (Names): IV YEAR STUDENTS

Objective:

PSCMR shall develop an Android App and Website for Sri Vijnana Vihara as desired by Sri Vijnana Vihara English Medium School (SVVEMS) with various pages like

Details of Proposal Sent or Competitions Participated :

PSCV shall develop an android platform app to SVVEMS pages like –

1. school template, logos
2. Galleries
3. Academic Time Tables / Schedules
4. Notifications of School Events
5. Notifications of Fee Remainders
6. About us

Hardware Requirements:

- Intel Processor, 6 GB RAM, 500 GB HARD DISK

Software Requirements:

- Apache Server (with php libraries) as Application Server
- MySQL Server as Database Server
- Android Studio IDE(Tool)
- Android SDK, ADT
- Blue Stack Emulator

Out Come:

To make Android Application to SAMARASATA SEWA for maintaining temple status .
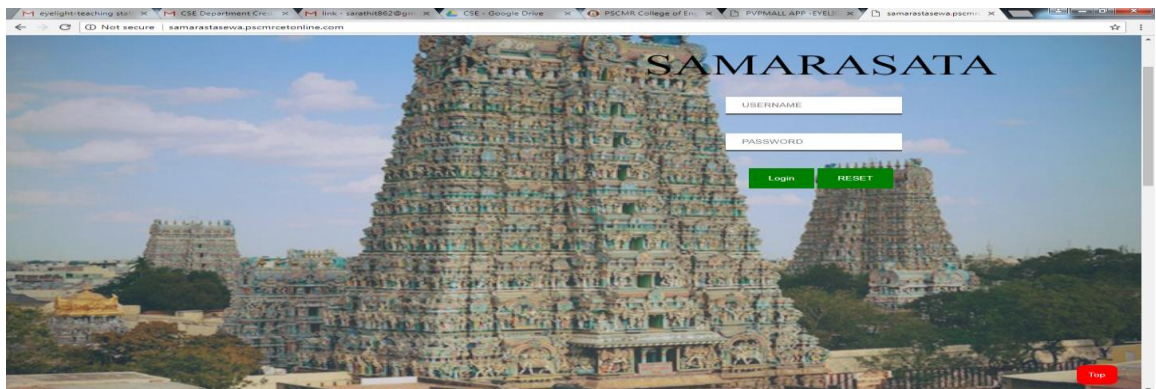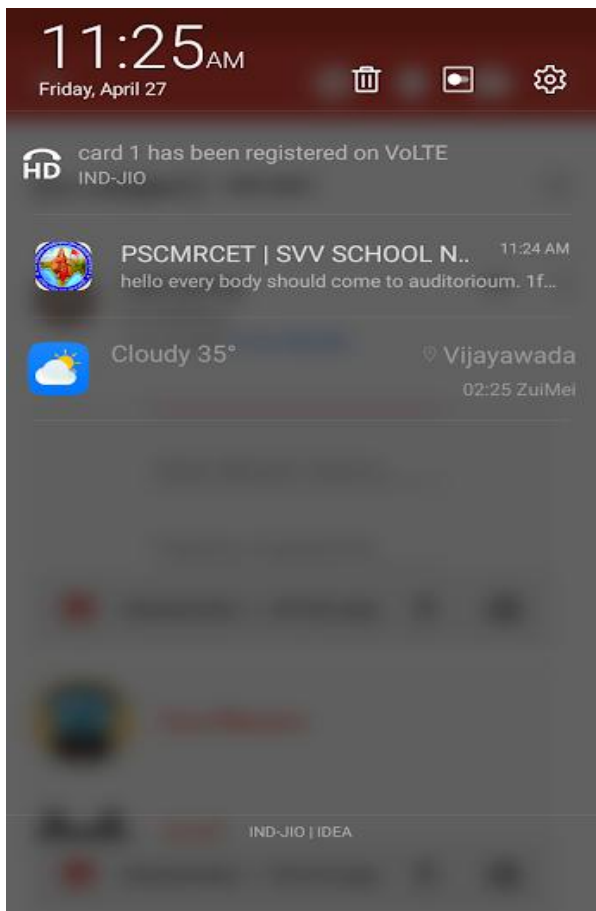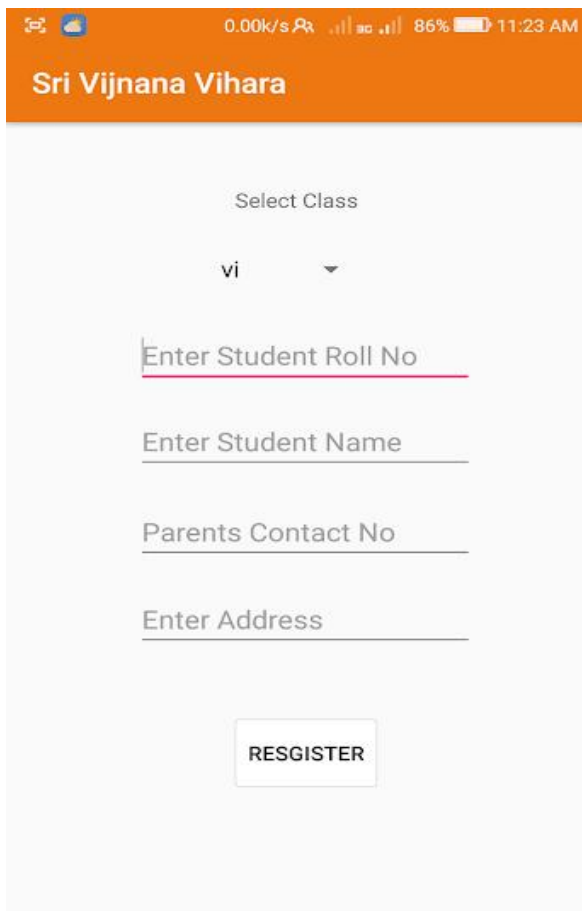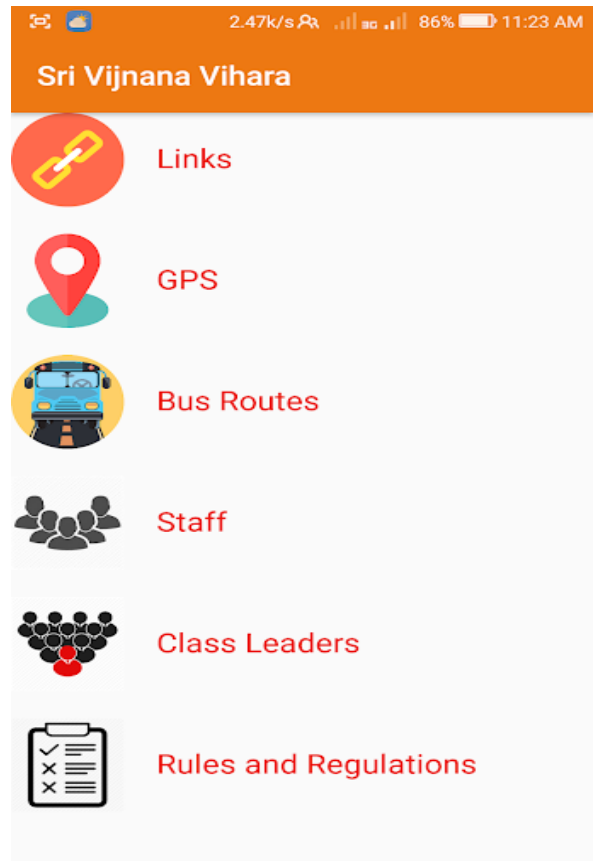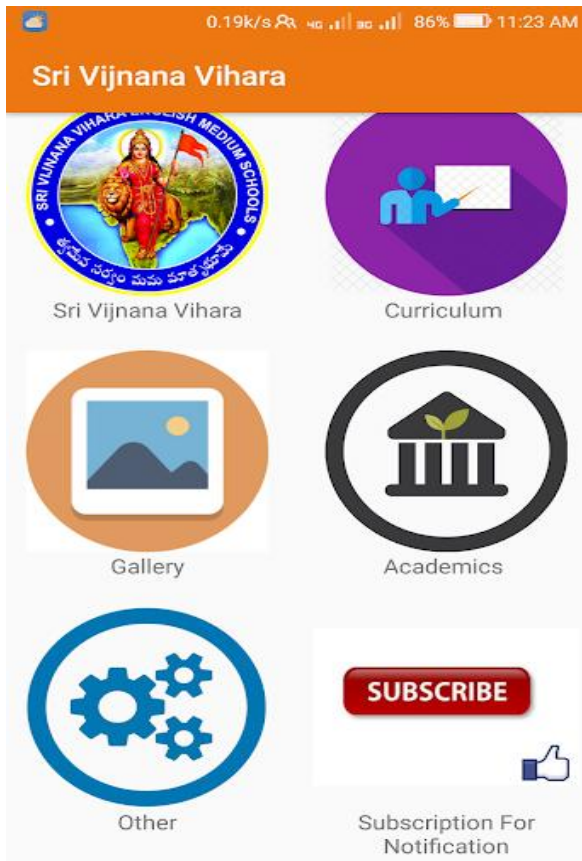
PO Mapping : (Insert tick Mark(√*)

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	*		*		*			*		*	*

Output Screens:

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
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D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
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ISO 9001:2008 CERTIFIED

JOB NOTIFICATIONS USING RSS FEED AND PHP

ABSTRACT

Today's challenging world, the passed out bachelor (B.Tech) students whose has searching the jobs might be facing difficulties to where the opportunities. This projects aims to fulfill the gap to search jobs. Using the technology of RSS(Really Simple Syndication) which is the xml based language which feeds the information's related to jobs like job title, role, skills required, experience, description, date of interview. RSS feed is like web service which hosted by popular domains sites like monster, Naukari, etc., We able to get RSS feed information from their domains filter the fields according to fresh B.Tech graduate student using PHP and host the web pages using myCpanel and display the web pages in web browser to monitor connected to Raspberry Pi3.Finally we implement Web pages with Job notifications.

REQUIREMENTS

Hardware:
- Raspberry Pi3

Software:
- PHP, HTML,CSS,XML,RSS

CIRCUIT DIAGRAM
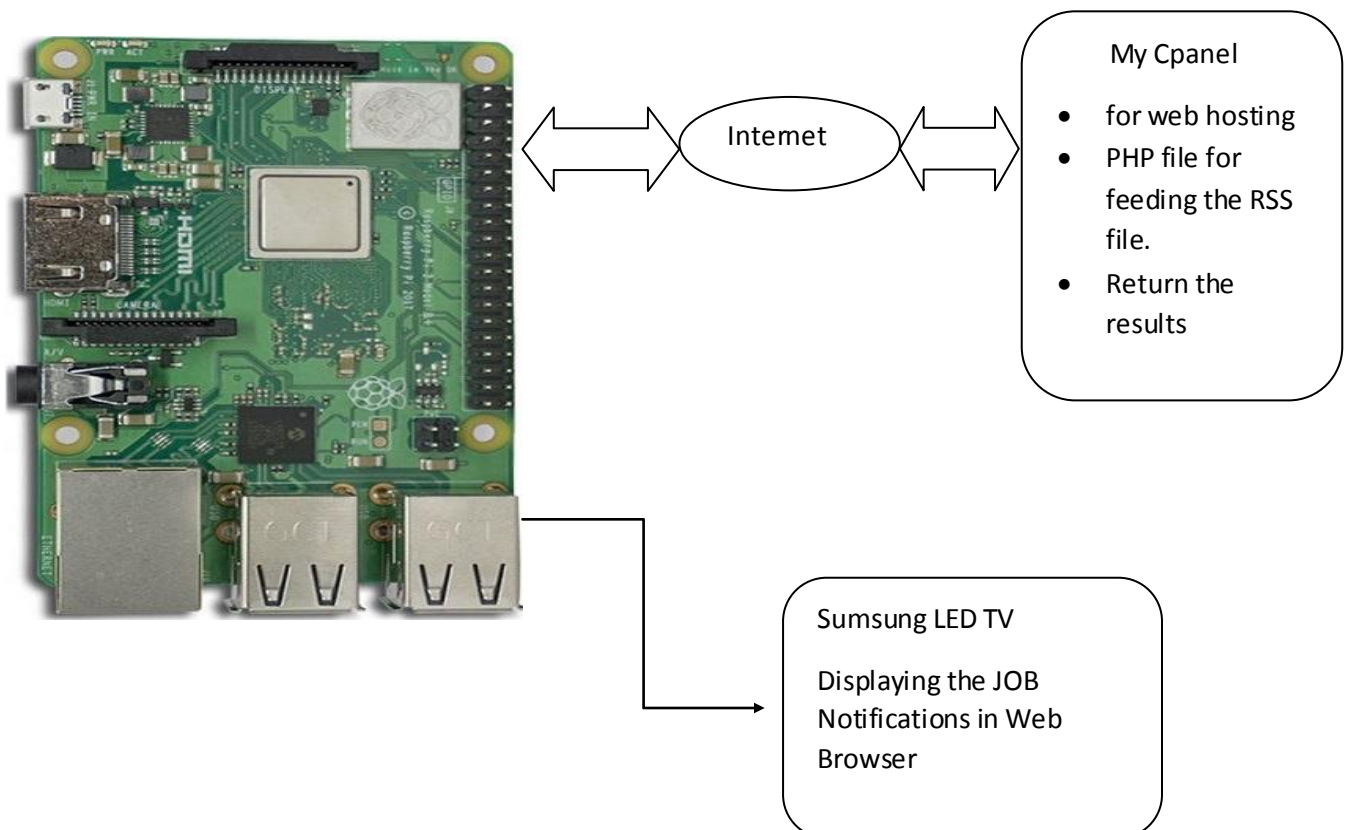
Output Screen:

APPLICATIONS

- Useful to the students for passed out and final year graduate students.

Developed by

B. Sarath Chandra, Faculty mentor

(Assistant Professor)

NAGANDLA LEELA PAVAN KUMAR

III CSE(16KT1A0558)

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in
ISO 9001:2008 CERTIFIED

AUTO SLIDESHOW OF BIRTHAY GALLERIES USING PHP

ABSTRACT

We proposed to develop the automatic slide show of the birthday gallery of the students.Using the server side scripting PHP we can implement the two modules, one for birth date registration with uploading the image from client side browser and other for retrieving and display the images from server(myCpanel). We develop client-server application for birthday gallery.

REQUIREMENTS

Hardware:
  - Raspberry Pi3

Software:
  - PHP, HTML,CSS,MYSQL

CIRCUIT DIAGRAM
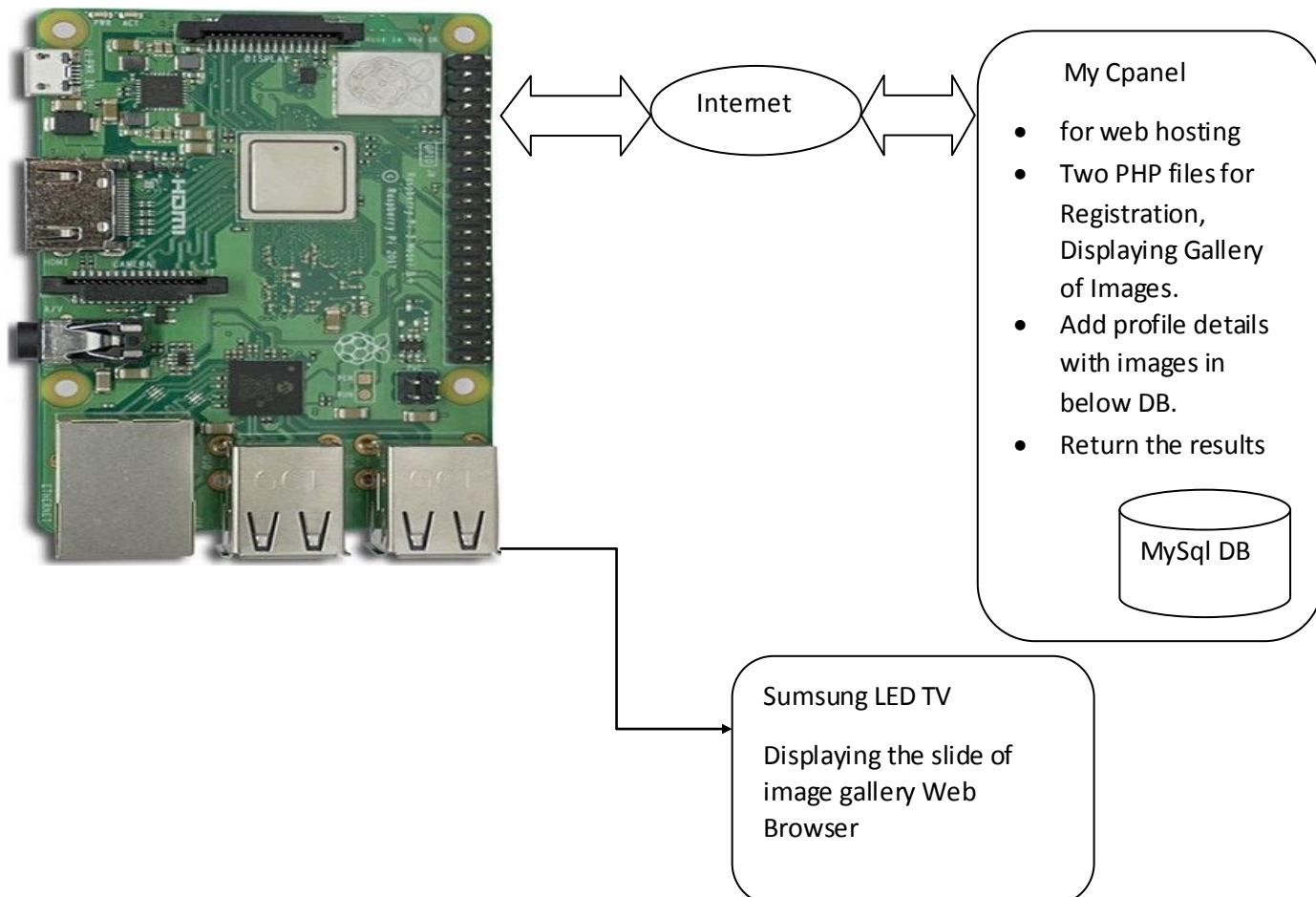
Output Screen:

APPLICATIONS

- Useful to the birthday students and lets others can wish them.

Developed by
B. Sarath Chandra, Faculty mentor
(Assistant Professor)
NAGANDLA LEELA PAVAN KUMAR
III CSE(16KT1A0558)

VIJAYAWADA,
Date: 12-09-2017.

To,
The Manager,
Potti Sriramulu Chalavadi Mallikarjuna Rao
College Of Engineering And Technology ,
VIJAYAWADA.

Sub: App for android mobiles.

Sir/madam,

SAMARASTA SEWA FOUNDATION in all 13 districts of   A.P.   SSF would like to develop android mobile app for

1.temples report / temple documents / temple payments and receipts / temples sanctioned, constructions completed, cancelled and status.   Construction / vigrahams list.

2. volunteers list / daily volunteers report and attendance daily report .
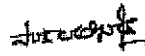
3. weekly wise bhajana report / 15 days bhjana report   / Divya Dharsanam report / donors report / programs report / camp details.

4..radham daily report / total radhams list / radha saradhi documents   (ID CARD, DRIVING LICENSE) / radham insurance and road tax(dates).

So kindly to develop a App for those particulars above mentioned.

Thanking you,

For Samarasata Sewa Foundation

(P.Trinadh)
Secretary

VIJAYAWADA
Date: 20-9-2017

To,
P. Trinadh
The Secretary,
SAMARASTA SEWA FOUNDATION,
VIJAYAWADA.

Sub: Application Development for **Samarasta Sewa Foundation (SSF)**. Reg.,

Ref: SSF, AP on Dated 12-09-2017.

Sir/Madam,

With reference to your letter cited above, the department of CSE, POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO COLLEGE OF ENGINEERING AND TECHNOLOGY (PSCMRCET) VIJAYAWADA is happy to accept the offer to develop an Android App and Website. The following staff and students will interact with you to elicit the requirements and we hope to meet the delivery deadline.

Team Members:

For Android App –
Mr. B. Sarath Chandra, Assistant Professor, Dept of CSE

B. Sri Harsha, Roll NO: 14KT1A0510 (Final Year CSE)

V. Muthu, Roll NO: 15KT1A0510 (Final Year CSE)
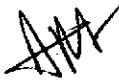
For Website App –
Mr. I. Murali Krishna, Assistant Professor, Dept of CSE

M. V. D. Kiran, Roll NO: 15KT1A0565 (Third Year CSE)

M. S. T. Tejaswini, Roll NO: 15KT1A0566 (Third Year CSE)

Thanking you,

Principal
Dr.K.Nageswara Rao
PSCMRCET

Yours Sincerely
Prof.A. Pathanjali Sastri
Professor & HOD
cse.hod@pscmr.ac.in
PSCMRCET

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is executed at Vijayawada on this _____ by and between;

SAMARASATASEWA FOUNDATION, a Sewa Foundation and having its registered office at (Address) D.No: Tadepalli vari street, Dornakal Road, Vijayawada represented by its Secretary, Mr. P.Trinadh, (Hereinafter referred to as the "SSF", which expression shall, unless repugnant to the context or meaning thereof, mean and include its successors and assigns) being the Party of the First Part.

And

Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering & Technology, an Engineering college, having its registered office at 7-3-6/1, Raghavareddy Street, Kothapeta, Vijayawada, Andhra Pradesh. 520001 represented by its Principal, Dr. K. Nageswara Rao, (Hereinafter referred to as the "PSCV", which expression shall, unless repugnant to the context or meaning thereof, mean and include its successors and assigns) being the Party of the second part.

"SSF" and "PSCV" are hereinafter, wherever the context so requires, individually referred to as "Party" and collectively as "Parties".

Whereas:

A. SSF is engaged in the Sewa with the name referred as SAMARASATA SEWA FOUNDATION in the city of Vijayawada.

B. PSCV is engaged in the service of Engineering & Technical Education with college name referred as Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering & Technology in the city of Vijayawada.

C. SSF has proposed to launch a better Website &App for regular functionality of SAMARASATA Sewa Foundation in association with PSCV.

D. PSCV has shown interest to associate with SAMARASATA and develop Website &APP for SSF on the following terms and conditions.

NOW THIS MOU WITNESSETH AS FOLLOWS:

Term:

This MoU is valid till _12/09/20/9_ from the date of execution. This Agreement shall remain in effect for a period of (two (2) years) from the Effective date unless otherwise terminated by either Party giving notice to the other of its desire to terminate this Agreement.

Deliverables of PSCV

Website:

1. Maintaining skill activates and registration of Dharma Pracharak
2. Maintain of Temple information and provide the facilities of Adding, Deleting, View Template details.
3. Uploading Temples Documents/Payments &Receipts.
4. Temple payment using current status of the temple like Sanctioned/Construction
5. Dharma Pracharak List/Daily Report/Attendance Report.
6. Monthly Wise Reports related to Dharma Pracharak, Temple activities & Dharma pracharak through Excelsheet.
7. Maintain Divyadarsan related information.
8. Template activities like schedule, program, execute.
9. Sessions are maintained for security oriented.

App:

1. Validate the Dharma Pracharakusing Login Verification.
2. Geographical values of the temple location are saved in data base using Google location service for featuresurveying.
3. Temple images are captured and uploaded to the data base based on the strict geo tagging verification.
4. Logout and complete session isimplementing for secure purpose.

Deliverables of SSF

1. SSF shall give sole rights to PSCV in developing the SAMARASATA web site and App
2. SSF shall nominate an executive as one point contact person to coordinate in developing the website and Android app.
3. SSF shall share all the necessary data as required to develop the website and Android App

Developing Team:

Website:

I.Murali Krishna, Asst.professor, Department of CSE

M.V.D.Kiran (15KT1A0565)

M.S.T.Tejaswini (15KT1A0566)

Android App

B.Sarat Chandra, Asst.Professor, Department of CSE

B.Sri Harsha(14KT1A0510)

V.Muttu (15KT5A0510)

Obligations of SSF

- PSCV shall oblige SSF to maintain the designed content confidentially without any misuse by students/staff.
- The Website and App designed by PSCV should be compatible with all type of Android platform mobiles and web browsers.

Obligations of PSCV

- PSCV can showcase the project details in college website/profile
- PSCV shall place the institute logo at the bottom of the App in small size with heading "App maintained by"

Commercials:

- SSF will pay the amount as applicable for hosting upon producing the necessary documents of estimations.

Termination:

- This Agreement commences on the date it is executed and shall continue until full cooperation by both parties SAMARASATA and PSCV, or until earlier terminated by one party under the terms of this Agreement. This agreement can be withdrawn by either party at any point of time by giving 15 days and after proper enquiry.
- In case SAMARASATA finds any issues with PSCV as stated below:
  - Web &App designs & services are not meeting the requirement.
  - Misuse of content
  - Delay in the services
  - Any unsolvable technical issues
  - Improper functioning of the App& Web
- Upon termination PSCV shall handover all the designed content to SAMARASATA on as is where condition is.

Miscellaneous:

Confidentiality: The terms and conditions of this MoU, attachments and amendments hereto, if any shall be kept confidential by the Parties at all times and not to be disclosed to any person or third party, except and to the extent as may be required for the purpose of complying with applicable law.

Force Majeure: Neither Party shall be liable for any failure or delay in its performance due to circumstances beyond its reasonable control, provided that it notifies the other party as soon as practicable and uses its best efforts to resume performance.

Indemnity: Each party shall indemnify and keep indemnified, defend and hold harmless the other Party and their respective officers, directors, employees (collectively the "Indemnified Persons") from and against any and all direct losses, claims, costs, liabilities, judgments,

expenses or damages that the indemnified person may incur or suffer as a result of or arising out of breach of any representation made b it under this Agreement.

Severability: If any part or any provision of this MoU is or becomes illegal, invalid or unenforceable, that part or provision shall be ineffective to the extent of such invalidity or unenforceability only, without in any way affecting the validity or enforceability of the remaining parts of said provision or the remaining provisions of this MoU. The Parties hereby agree to attempt to substitute any invalid or unenforceable provision with a valid or enforceable provision, which achieves to the greatest extent possible the economic, legal and commercial objectives of the invalid or unenforceable provision.

Assignment: The Parties to the Agreement shall not assign or purport to assign or otherwise deal with any of its rights and obligations hereunder without the prior written consent of the other party.

Waiver: Failure of a Party to exercise promptly any option or right granted, or to require strict performance of any obligation herein imposed shall not be deemed to be a waiver of such rights or of the right to demand subsequent performance of any and all obligations herein imposed.

Amendments: All changes and amendments to this Agreement or to any attachment thereto are valid only if made in writing and signed by duly authorized representatives of both the parties.

DISPUTE RESOLUTION:

In the event of any disputes, differences, or controversies arise between the parties hereto, out of or in relation to or in connection with provisions of this MoU, or any action taken hereunder, the Parties hereto shall thoroughly explore all possibilities for an amicable settlement. In case the amicable settlement cannot be reached, such disputes, differences or controversies shall be referred to sole Arbitrator appointed with the mutual consent of both the parties in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the venue of such Arbitration shall be Vijayawada and the proceedings shall be conducted in English. The award of the Arbitrator/Arbitral Tribunal shall be final and binding on both the parties hereto.

Jurisdiction: This Agreement shall be governed and construed by and in accordance with the laws of India and subject to the exclusive jurisdiction of the courts of Vijayawada.

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MoU AS OF THE DAY AND YEAR FIRST ABOVE WRITTEN:

For SAMARASATA SEWA FOUNDATION (SSF)

Mr.P.Trinadh
Secretary

For Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering & Technology (PSCV)

Dr. K. Nageswara Rao
Principal

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

Dt:28-5-2018,
Vijayawada.

To
The secretary,
SSF,
Andhra Pradesh.

Sub: Account details for money transfer-Regarding

I A.Pathanjali sastri HOD of CSE department in PSCMRCET.Our team developed your website and android app for that we are sending our account details for transferring money.

A/C NO:1414166000011903

IFSC CODE:KVBL0001414

NAME: Akella pathanjali sastri.

We received amount 25000/- as per our agreement in to this account details.

Thanking you,

Professor
Dept. of Computer Science & Engineering
Yours Sincerely

CSE-HOD.

Title of the Project: An Android & Web Application to SAMARASATA SEWA

Team Members (Total) : 06

Faculty Members(Names) :   B SARATH CHANDRA, I MURALI KRISHNA

Student Members (Names):
 1. B. SRI HARSHA   IV YEAR
 2. V. MUTHU   IV YEAR
3. Kiran   III YEAR
4. Teja   III YEAR

Objective :

SSF has proposed to launch a better App for SAMARASATA Sewa Foundation in association with PSCV. PSCV to communicate SAMARASTA SEWA volutneers about to uploading temple images with under premises of temple gps locations., PSCV has shown interest to associate with SAMARASATA SEWA with the following terms and conditions.

Details of Proposal Sent or Competitions Participated :

PSCV shall develop an android platform app to SAMARASATA SEWA pages like –

1. Temple status while uploading live Capturing Images with GPS as follows

- Android App allows to Login the volunteer with prior Authentication with server database.
- Then app enabls GPS coordinates of temple current and saved locations from database in which first time to save temple locations in database.
- App allows to upload the current state of the constructing temple to server database, If both the location coordinates

Hardware Requirements:
- Intel Processor, 6 GB RAM, 500 GB HARD DISK

Software Requirements:
- **Apache Server (with php libraries) as Application Server**
- **MySQL Server as Database Server**
- **Android Studio IDE(Tool)**
- **Android SDK, ADT**
- **Blue Stack Emulator**

Out Come :

To make Android Application to SAMARASATA SEWA for maintaining temple status .

PO Mapping : (Insert tick Mark(√)

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
√	√	√	√	√	√	√	√	√	√	√	√

- ✓ PSCMR shall develop an Android App and Website for **SAMARASATA SEWA** as desired by **SAMARASATA SEWA FOUNDATION** with various pages like

	❖ Temples Report/Documents/Payments &Receipts. ❖ Temple Status like Sanctioned/Construction/Cancelled. ❖ Volunteers List/Daily Report/Attendance Report. ❖ Weekly Wise Bhajana Report & related to it.	

- ❖ Temples Report/Documents/Payments &Receipts.
- ❖ Temple Status like Sanctioned/Construction/Cancelled.
- ❖ Volunteers List/Daily Report/Attendance Report.
- ❖ Weekly Wise Bhajana Report & related to it.

SAMARASATA
SEWA FOUNDATION

POWERED BY

PSCMR COLLEGE OF ENGINEERING AND TECHNOLOGY

SAMARASATA
SEWA FOUNDATION

Enter the phone number

LOGIN

SAMARASATA

USERNAME

PASSWORD

Login   RESET

Top

भारतीय प्रौद्योगिकी संस्थान मुंबई
पवई, मुंबई - 400 076, भारत

Indian Institute of Technology Bombay
Powai, Mumbai - 400 076 India

दूरभाष/Phone	: **(+91-22) 2572 2545**
फैक्स/Fax	: **(+91-22) 2572 3480**
वेबसाईट/Website	: **www.iitb.ac.in**

To :

Prof. ----K. Nageswara Rao----, Principal
Potti Sriramulu & chalavadi mallikarjuna Rao College of Engineering & Technology,
Vijayawada, Krishna Dist -Andhra Pradesh.   23rd Nov, 2015.

Spoken Tutorial Project, IIT Bombay is pleased to welcome-- PSCMR College of Engg & Technology, --as a
Knowledge Center in the district identified. ***The project is a part of the National Mission on Education through ICT,
MHRD, Govt. of India, to spread IT Competence all over India.*** We are confident that your college brings the same
vision to enhance the IT literacy in the district. In your role you will –
  1. Offer the training to all the students in the college in a time bound and systematic manner by trying as best as
     possible to use the Computer Lab hours available in the time-table(s)
  2. Serve to motivate other colleges in the district to take up the same training.

Spoken Tutorial is an award winning MOOC, a SELF Learning Audio-Video teaching tool which students can use to learn
a variety of Open Source Software on their own. *We are ready to support you in your efforts to train students on General
IT Skills, Programming and esoteric Software and specialised software for subjects like Chemistry & Biology.* The courses
provide employable skills and help improve academic performance, Because of Govt. funding the course, training &
certificate will be offered free of cost to all institutions both Govt., and Private.

Knowledge Center (KC) Responsibilities

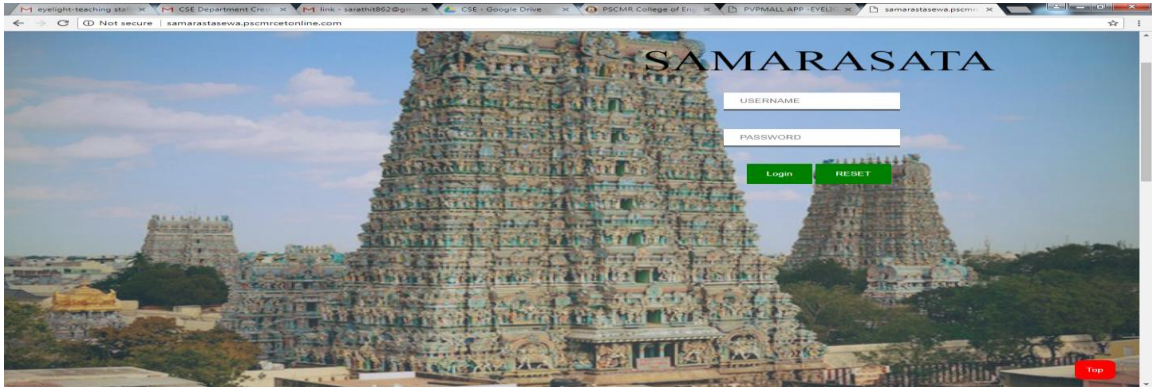| Responsibility	Activities/ Features
Principal to appoint a Chief Faculty coordinator, 1-2 representative Faculty Coordinators (FC) related to Comp.Sc./MCA/IT and 1-2 Student volunteers – the **"KC team"**	The **KC team** will work to - 1. Set up the Cell, 2. Send the time-tables from different depts., for mapping to IITB, ST team, 3. Organise awareness workshops for district colleges, 4. Start the training immediately to their respective depts.,
Chief Faculty Coordinator to set up Spoken Tutorial Training Cell in the college	1. This can be any space in a lab having minimum 10 systems. 2. A colourful banner, posters, brochures, leaflets, Cds etc. Will be sent by the ST, IITB team
Faculty Coordinators will start the training first in one dept. focussing on final year students	1. This can be done in this calendar year and definitely in the coming even Jan 2016 semester, so that graduating students can leave with at least 2-3 software skills and certificates. 2. Each FC will register on the ST website, select the particular software for the semester/s and enroll the students in a Master Batch into the ST website.
Chief Faculty Coordinator to oversee deployment of Spoken Tutorial courses in lab time-tables & syllabus	1. The time-tables will be sent to the ST, IITB state Training Coordinator who will map the lab hours with suitable fit ST software courses. 2. The college depts., will put these courses in print in the time-tables so that it becomes a permanent feature.
The Chief Faculty Coordinator will organise awareness programs & workshops for other colleges in the district	1. These can be 4-5 in a year. 2. The ST,IITB team will send leaflets, brochures etc. For these workshops and also guide with ppts, videos etc. On how they can be conducted. 3. Skype facility can also be used to connect with IITB during the event.
The College will provide its lab facilities to colleges who may not have adequate infrastructure	1. The college can lend its premises and lab facilities to colleges which do not have sufficient systems or internet.
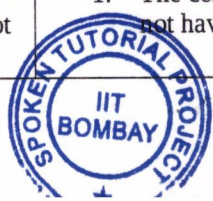
POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

Department of Computer Science & Engineering

Self Learning

A.Y.:2018-19

S.NO	Name of the Activity	Description	Source	Co-ordinator	No. of participents	Start Date	Ending Date
1	COGNITIVE CLASS	R	COGNITIVE CLASS	Mrs. G.Padmaja	51	8/1/2018	9/14/2018
2	COGNITIVE CLASS	Python	COGNITIVE CLASS	Mr. VSRK Prasad G	35	7/29/2018	9/14/2018
3	SOLO LEARN	C++	SOLO LEARN	Mrs.Ch. B.V. Durga	3	7/17/2018	8/10/2018
4	Spoken Tutorial	C	IIT Bombay	Mr.B. Sreekanth Reddy	57	9/27/2018	9/27/2018
5	Spoken Tutorial	PHP and MySQL	IIT Bombay	Mr.B. Sreekanth Reddy	43	9/28/2018	9/28/2018
6	Spoken Tutorial	Advanced Cpp	IIT Bombay	Mr.B. Sreekanth Reddy	72	1/5/2019	1/5/2019
7	Spoken Tutorial	Python	IIT Bombay	Mr.B. Sreekanth Reddy	46	1/29/2019	1/29/2019

HOD Signature   PRINCIPAL

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
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Department of Computer Science & Engineering

Self Learning

A.Y.:2017-18

S.NO	Name of the Activity	Description	Source	Co-ordinator	No. of participents	Start Date	Ending Date
1	COGNITIVE CLASS	R	COGNITIVE CLASS	Mrs. G.Padmaja	25	8/26/2017	9/12/2017
2	COGNITIVE CLASS	Python	COGNITIVE CLASS	Mr. VSRK Prasad G	31	8/27/2017	8/31/2017
3	Spoken Tutorial	C	IIT Bombay	Mr.B. Sreekanth Reddy	172	9/1/2017	9/1/2017
4	Spoken Tutorial	CPP	IIT Bombay	Mr.B. Sreekanth Reddy	78	12/27/2017	12/27/2017
5	THE LARGEST LEARNTHON OF INDIA	TRAILHEAD	TRAILHEAD	Mr. K.Sudhakar	100	2/2/2018	2/3/2018
6	Spoken Tutorial	Python	IIT Bombay	Mr.B. Sreekanth Reddy	57	2/16/2018	2/16/2018
7	LEARNTHON	R-PROGRAMMING	Eduonix	Mrs. Ch.B.V.Durga	16	2/17/2018	2/17/2018

HOD Signature   PRINCIPAL

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
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Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

Department of Computer Science & Engineering
Self Learning
A.Y.:2016-17

S.NO	Name of the Activity	Description	Source	Co-ordinator	No. of participents	Start Date	Ending Date
1	Spoken Tutorial	C	IIT Bombay	B. Sreekanth Reddy	95	9/7/2016	9/7/2016
2	Spoken Tutorial	C	IIT Bombay	B. Sreekanth Reddy	29	9/27/2016	9/27/2016
3	Spoken Tutorial	CPP	IIT Bombay	B. Sreekanth Reddy	190	12/20/2016	12/20/2016
4	Spoken Tutorial	JAVA	IIT Bombay	B. Sreekanth Reddy	102	2/21/2017	2/21/2017
5	Spoken Tutorial	JAVA	IIT Bombay	B. Sreekanth Reddy	33	3/10/2017	3/10/2017

HOD Signature   PRINCIPAL

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
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Acadamic Year	Total No Of Certificates
2016-17	449
2017-18	479
2018-19	307
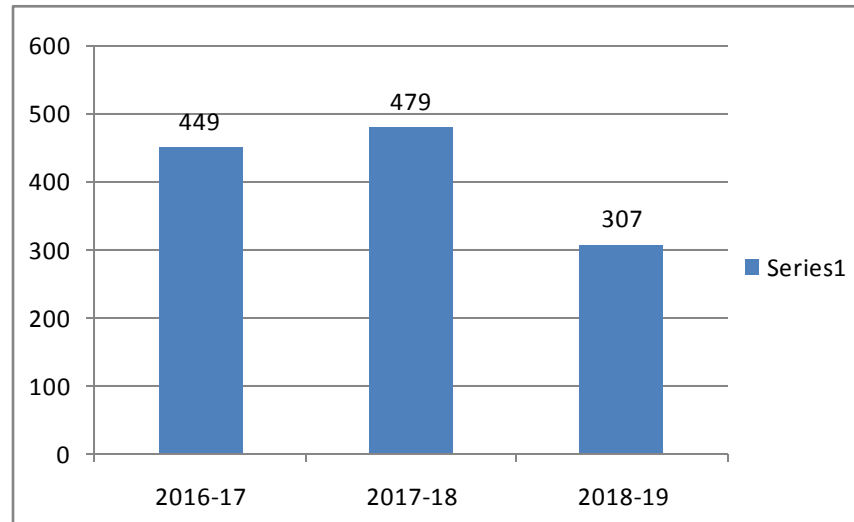
HOD Signature   PRINCIPAL

Certificate for Completion of PHP and MySQL Training

Spoken Tutorial

Talk To A Teacher

This is to certify that **ANDE BINDU** has successfully completed **PHP and MySQL** test organized at **Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology** by **BHIMI REDDY SRIKANTH REDDY** with course material provided by the Talk To A Teacher project at IIT Bombay.

Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **bhsrikanth reddy** at **Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology** invigilated this examination. This training is offered by the **Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.**

September 28th 2018

Prof. Kannan M Moudgalya
IIT Bombay

Certificate for Completion of PHP and MySQL Training

Spoken Tutorial

Talk To A Teacher

This is to certify that **ANUBOLU MANISHA** has successfully completed **PHP and MySQL** test organized at **Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology** by **BHIMI REDDY SRIKANTH REDDY** with course material provided by the Talk To A Teacher project at IIT Bombay.

Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **bhsrikanth reddy** at **Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology** invigilated this examination. This training is offered by the **Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.**

September 28th 2018

Prof. Kannan M Moudgalya
IIT Bombay

Certificate for Completion of PHP and MySQL Training

Spoken Tutorial

Talk To A Teacher

This is to certify that **ADDAGIRI JYOTHI** has successfully completed **PHP and MySQL** test organized at **Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology** by **BHIMI REDDY SRIKANTH REDDY** with course material provided by the Talk To A Teacher project at IIT Bombay.

Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **bhsrikanth reddy** at **Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology** invigilated this examination. This training is offered by the **Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.**

September 28th 2018

Prof. Kannan M Moudgalya
IIT Bombay

Certificate for Completion of PHP and MySQL Training

Spoken Tutorial

Talk To A Teacher

This is to certify that **ANAGANI PRAVEEN** has successfully completed **PHP and MySQL** test organized at **Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology** by **BHIMI REDDY SRIKANTH REDDY** with course material provided by the Talk To A Teacher project at IIT Bombay.

Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **bhsrikanth reddy** at **Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology** invigilated this examination. This training is offered by the **Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.**
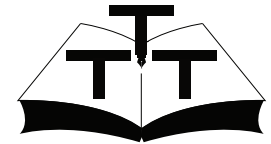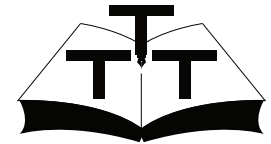
September 28th 2018

Prof. Kannan M Moudgalya
IIT Bombay

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is executed at Vijayawada on this 14th Day of Dec, 2017 by and between; **EURTH TECHTRONICS PVT LTD,** a company incorporated under the Companies Act, 1956 and having its registered office at Plot No:41, ALEAP Industrial Estate, Surampalli, Vijayawada, AP, India 521212; represented by its CEO, **Mr. Srihari Maddula**, (Hereinafter referred to as the "EURTH", which expression shall, unless repugnant to the context or meaning thereof, mean and include its successors and assigns) being the Party of the First Part.

And

Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering & Technology, an Engineering college, having its registered office at 7-3-6/1, Raghavareddy Street, Kothapeta, Vijayawada-01, Andhra Pradesh, 520001 represented by its **Principal, Dr. K. Nageswara Rao**(Hereinafter referred to as the "PSCV", which expression shall, unless repugnant to the context or meaning thereof, mean and include its successors and assigns) being the Party of the Second Part.

"EURTH" and "PSCV", are hereinafter, wherever the context so requires, individually referred to as **"Party"** and collectively as **"Parties".**

WHEREAS

A. EURTH is engaged in the LED Solutions, Electronics Manufacturing, Design & Development of Electronics, IoT based solutions; EURTH has established a fully automated Electronics Manufacturing Industry (hereinafter referred to as PLANT), in the city of Vijayawada.

B. PSCV is engaged in the service of Engineering & Technical education with college name referred as Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering & Technology in the city of Vijayawada.

C. EURTH Further to Design, Development and Launch of EURTHLED ® LED Solutions, is now gearing up for its next Big Initiatives in the Region mentioned below

   a. An IoT Based Solutions for the bringing in Automation, Monitoring, Efficiency in the Aqua Industry which has a two-digit revenue contribution in the AP's Development.

   b. Cost Effective Home Automation Solution design and Development based on Google Home, Amazon Eco, etc. platforms.

   c. Power Electronics Design and solutions for future EURTHLED® Products.

   d. Design and Development of "GRAVITYLIGHT" suitable for Indian usage.

   e. Working towards vision for "NANO SATELLITE" Project.

D. PSCV has shown interest to associate with EURTH and be instrumental in providing this Industrial exposure to the Students of PSCV with Involvement in Electronics, Electrical, Computers, Mechanical design and development along with EURTH and it R&D Team by setting up In-Campus incubation.

NOW THIS MoU WITNESSETH AS FOLLOWS

1. **INFRASTRUCTURE**

   a. PSCV shall make available a pleasant working environment which satisfies the requirements to work on the Goals Mentioned in above section "C.a, C.b, C.c, C.d, C.e", A Brief list of proposed Infrastructure Requirements are mentioned in the Annexure – I. Similarly, EURTH shall make available as mentioned in Annexure – II.

2. **KNOWLEDGE SHARING**

   a. PSCV shall make necessary and possible involvement for the Departmental Leaderships accordingly in guiding with Technical guidance wherever possible for the enrichment of the Goals and Candidates. Similarly EURTH shall shift part of its R&D Operation and Team into this Incubation to provide Industry's best Knowledge.

3. **TYPES OF CO-OPERATION**

   a. Joint Research projects in the fields mentioned in above section

   b. Exchange of Academic Publication and Reports

   c. Opportunity for Faculty Development and Exchange

   d. Exchange of Visiting Research Scholars, for EURTH Incubation Team also

   e. Other activities as mutually agreed

4. **TERM OF THE AGREEMENT (DURATION)**

   a. This MoU is valid till 31st March 2020, from the date of its execution. This Agreement shall remain in effect for a period of two (2) years from the Effective Date unless otherwise terminated by either Party giving notice to the other of its desire to terminate this Agreement.

5. **TERMS AND CONDITIONS**

   a. The Cost of the Development Infrastructure at PSCV Incubator will be Provided by PSCV

   b. For Continuing and Any Additional Education to PSCV Teachers and Students, the financial agreement will be made mutually agreed terms.

   c. For Visits related to advice & consultancy, travel and other expenses of PSCV and EURTH will be borne by the respective party only.

H.O   : 32-13-22/A, Opp Lavanya Apt, Boyapatimadhava Rao St, Mogalrajpuram, Vijayawada, 520010, A.P, India.
Factory   : # 41, ALEAP Industrial Estates, Surampalli, Vijayawada - 521212, A.P, India.
Contact us : P: +91 866 600 6001 | M: +91 850 005 9955 | E: info@eurthtech.com | CIN- U74900AP2015PTC096161

www.eurthtech.com

d. PSCV Faculty and EURTH Employees can mutually use the Incubation Infra and Similarly PSCV Labs and Library meeting both parties standards and requirements.

e. Usage of PSCV academic Infrastructure can be allowed for limited period subject to the Availability, Approval of Head of the Department and meeting Institutes norms. PSCV will try to prioritize EURTH Incubation Requirements as much as possible.

f. Both Parties agree to help, identify and invite the Faculty and Industry Experts, researchers from other Institutes to Participate in Conferences and workshops and short-term courses.

g. The MOU may be amended, renewed by mutual written agreement of the parties and any time and can be terminated only after completion of the two years mentioned in the 'Term' clause.

6. CONFIDENTIALITY

a. The PSCV and EURTH agree to hold in confidence all information/data designed by the parties as being confidential which is obtained from either parties or created during the execution of MOU and will not disclose the same to any third party without written consent of the other institute.

b. The above confidential clause under this MoU excludes the information/data processed by either party before entering into MoU or independently developed and/or information already available through public domain.

c. The PSCV will seek written consent for EURTH for any information sharing in the areas of Research & Development mentioned in this Agreement

7. COORDINATORS

a. Both parties shall designate persons who will have responsibility for coordination and implementation of this Agreement.

8. INTELLECTUAL PROPERTY RIGHTS

a. The intellectual property rights (IPR) that arise as a result of Joint research and collaborative activity under the agreement worked out on a case to case basis and will be consistent with officially laid down IPR policies of both parties.

9. FINANCIALS / COMMERCIALS

a. EURTH shall not pay any commercials to PSCV for Infrastructure provided during the MoU.

b. All Assets used mutually will be discussed and maintained well documented by both the parties.

c. End of Life hardware will be renewed by the respective owner.

H.O   : 32-13-22/A, Opp Lavanya Apt, Boyapatimadhava Rao St, Mogalrajpuram, Vijayawada, 520010, A.P, India.
Factory   : # 41, ALEAP Industrial Estates, Surampalli, Vijayawada - 521212, A.P, India.
Contact us : P: +91 866 600 6001 | M: +91 850 005 9955 | E: info@eurthtech.com | CIN- U74900AP2015PTC096161

www.eurthtech.com

d. All Services related transactions will be discussed and processed separately by the respective owners; these could be Cloud Services, Hosting Services, trainings etc.

10. TERMINATION

a. This Agreement commences on the date it is executed and shall continue until full performance by both parties EURTH and PSCV, or until earlier terminated by one party under the terms of this Agreement. This agreement can be withdrawn by either party at any point of time by giving 60 days of notice.

11. DISPUTE RESOLUTION
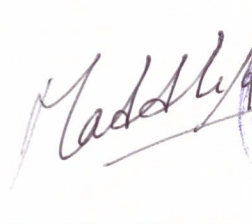
a. In the event of any disputes, differences, or controversies arise between the parties hereto, out of or in relation to or in connection with provisions of this MoU, or any action taken hereunder, the Parties hereto shall thoroughly explore all possibilities for an amicable settlement.

b. In case the amicable settlement cannot be reached, such disputes, differences or controversies shall be referred to sole Arbitrator appointed with the mutual consent of both the parties in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the venue of such Arbitration shall be Vijayawada and the proceedings shall be conducted in English. The award of the Arbitrator/Arbitral Tribunal shall be final and binding on both the parties hereto.

12. JURISDICTION

a. This Agreement shall be governed and construed by and in accordance with the laws of India and subject to the exclusive jurisdiction of the courts of Vijayawada.

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MoU AS OF THE DAY AND YEAR FIRST ABOVE WRITTEN

For EURTH TECHTRONICS PVT. LTD.
(EURTH)

For Potti Sriramulu Chalavadi
Mallikarjuna Rao College Of Engineering &
Technology
(PSCV)

14|12|17

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Mr. Srihari Maddula   Dr. K. Nageswra Rao Kothapet, VIJAYAWADA-520 001

CEO   Principal

Annexure - I

- **LAB Equipment:** PSCV shall provide lab equipment
  - CRO   – 1 No
  - Auto Transformer (Variac) (0-380)V/existing(0-275VAC) – 2 No(s)
  - A multipurpose digital multimeter or power analyzer used to measure alternating current (AC), voltage (TRMS) and frequency to determine active (kW), apparent (kVA) and reactive (kVAR) power as well as active energy (kWh) consumption. – 5No(s)
  - Function generator   – 1 No
  - RPS(0-60)V/existing RPS any   – 2 No(s)
  - Antenna Hosting Space on the Roof for LORA and other Similar services.
  - ESD WorkBench
  - Dual Head 3D Printer

- **Furniture:** PSCV shall provide furniture
  - Work benches
  - Chairs & tables as required
  - Shared Conference rooms and Meeting rooms as per possibility.
  - Clean Drinking Water, Cooling and Other environmental requirements.
  - Necessary Racks and Cabinets for storage of equipment safely.

- **IT Infrastructure:** PSCV shall provide
  - 10 - 20 Personal computers (PC) minimum of 4GB RAM with licenced windows OS and flexibility to change linux OS.
  - Dedicated Internet connection suitable for 20 users
  - Skype Video Conferencing Capabilities between EURTH Factory and Proposed other Colleges which might be working on Nano Satellite Project.
  - UPS 3 -5 KVA/uninterrupted power supply.
  - Local Network Switch.
  - Telecom Infra to communicate internally with the Institution.

- PSCV shall give flexibility to use the labs and libraries as per the Institution rules only.

Annexure - II

- EURTH shall provide component library, like
  - LoRa Modules
  - Arduino family Modules
  - Communication devices (BLE, WiFi, RF Modules and more)
  - Onion Modules
  - Raspberry Pi/ Orange Pi
  - Quicktel/ GSM/ GPRS
  - Passive components
  - Sensors, LCD display, microcontrollers etc.

- EURTH shall provide precise measuring equipment, like
  - Thermal camera
  - Lux meter
  - PF Meter and other measuring equipment.
  - LED Components Library
  - Various Other Electronics Component Library (WURTH EMI Setup)

- EURTH shall provide Services like,
  - Required Collaboration cloud Infrastructure
  - Hosting Services any required
  - Any required Virtual Servers for Data Mapping / Code / Product Development
  - CSV / Code Repository Cloud Infra

- EURTH shall Consider Internships and in turn permanent hiring into certain projects where this is scope and are completely Driven by EURTH.
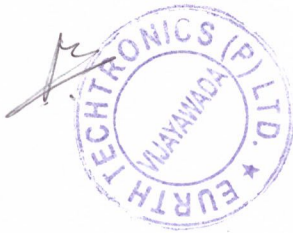
H-BOTS™

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is entered into on 2nd AUGUST 2018 at Vijayawada, sets for the terms and understanding between:

H-Bots Robotics Private Limited a Robotics firm

And

Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology (PSCMRCET) a prominent educational Institution in Vijayawada.

H-Bots and PSCMRCET shall be hereinafter collectively be referred to as the "Parties" and individually as a "Party"

NOW THEREFORE THIS MEMORANDUM OF UNDERSTANDING WITNESSETH AS UNDER :

1. Introduction	H-BOTS has approached PSCMRCET with the intention to set up a lab in their college. H-Labs
2. Purpose	• The Purpose of this MOU is to set forth the objectives, principal terms, and other preliminary understandings that have been reached between the Parties and to confirm their present intent to work together under the Scaling Web Initiative in the manner described herein below, subject to the broad terms and conditions set forth in this MOU. • Subject to the terms of this MoU, the implementation of goals, objectives and conditions of this partnership will be carried out in accordance with the policies and procedures of each party
3. Duration, Validity and Renewal	• This MOU shall become effective on the date of signing of the MoU ("Enforcement Date") by the authorized representatives from the Parties and will remain for an Year from the date of signing.
4. Deliverables	• H-bots will establish a lab in the college, in two segments i;e training for

H-BOTS

from H-Bots to PSCMRCET	students and R&D for Commercial entities. • **H-bots will start working on the establishment of lab after the MOU has been made by both the parties.** • **H-Bots Robotics will select 50 students for the training.** • Our Engineers will work hand-in-hand with students for R&D assistance 30days **a year and conduct 10 lab sessions and 10 workshops every year.** • Patents, copyrights or any intellectual right on the resarch or the product will be shared equally by H-bots Robotics and PSCMRCET college. • H-Bots and PSCMRCET college will share the revenue generated from the R&D commercial projects. • H-Bots and PSCMRCET will make the Inauguration on 15th August 2018. Complete payment shall be done before the commencement of the sessions. • H-bots will consider the feedback & survey reports from the college
5. Deliverables from **PSCMRCET** **to H-Bots.**	PSCMRCET college has chosen 15 lakhs package, in addition to the package H-Bots promised to deliver what has mentioned in the proposal sent, Aprons for students, training to faculty, and other extended services • to build the world class lab in association with PSCMRCET. The cost is only valid for 1st year, and as one batch of training is included in the package, the second batch and other trainings will be discussed between college and H-Bots • PSCMRCET college has to pay INR 500,000 + 18% GST of the agreed amount as advance to H-bots robotics on or before 4th August 2018. The rest has been offered specially for PSCMRCET. Instead College will provide Couple of projects from their end to compensate the balance payment for H-BOTS or the college will pay H-Bots the balance amount whenever they are comfortable in a year. Either of it which comes first. • PSCMRCET have to support H-bots by providing basic infrastructure and all the basic aminities of the lab.(WiFi ,computers, tables and chairs). • PSCMRCET has to provide at least one faculty and a security for the lab. • PSCMRCET has to work hand-in-hand with H-bots in buliding best careers for the students and making the lab self sustainable.
6. Indemnity	• Each party will indemnify and keep harmless the other party from and against **any and all claims, damages, liabilities, proceedings and demands including** any costs, loss, damages, suffered by the other party due to any action brought by a customer/ client/ member as a result of breach committed by other party under this MOU.
7. Notices	All notices shall be in writing. Notices may be served by certified mail or email to the address below: If to **H-Bots Robotics** : Address: H-Bots Robotics, 4th Floor, Vasu Heights, Opp. Care Hospitals, HDFC Bank Road, Gachibowli, Hyderabad – 500032. If to **PSCMRCET** Address: 7-3-6/1, Raghavareddy Street, Kothapeta, Vijayawada, Andhra Pradesh 520001

MODIFICATIONS OF MOU:

This MOU may be supplemented, amended, or modified only by the mutual MOU of the parties. No supplement, amendment, or modification of this MOU shall be binding unless it is in writing and signed by both the parties.

IN WITNESS WHEREOF the parties have executed this document on the respective dates specified **below with effect from the 2nd August 2018.specified on the first page of this document.**

<u>H-Bots Robotics Private Limited:</u>

Authorized Official: _____P.S.V.____ 7/8/18_____
                              Signature

Address: Plot nos #91,92,93 vasu heights, Opp. Care Hospitals, Gachibowli, Hyderabad, India - 500032

Telephone(s): 040-27906245

E-Mail Address: info@h-bots.com

<u>PSCMRCET:</u>

Authorized Official: _____kiran___ 7/8/18_____
                              Signature

Address: 7-3-6/1, Raghavareddy Street, Kothapeta, Vijayawada, Andhra Pradesh 52001

E-Mail Address: principal@pscmr.ac.in

List of Innovative Projects going on under H-Labs

S no	Team Members	Role	De pt	Ye ar	Conta ct No:	eMail ID	Team Name	Idea Name	About Idea
1	N. Leela Pavan Kumar	Team Leader	CS E	3	8985785 836	hl.leelapavankumar @gmail.com	Witty Creadors	Reckon	Reckon have been proposed as a new mechanisam for managing the traffic in smart way . Traffic is the major problem everyone facing today . So, our project proposed a model by which we can control the traffic in smart way . This model detects the crowd by using cameras and analyse the mass of the crowd and based upon the crowd and time it gives the green signal . The model is completely based on the mass of the crowd and the maximum time that was allocated . It is also captures the pictures when any one doesnt follow the traffic rules.
	S.Vijay	Team Member	Me ch	3	9490845 435	hl.vijay348@gmail.c om			
	D.Vishnu Priya	A.T.L	CS E	3	6304869 019	hl.vishnupriya525@ gmail.com			
	A.Venkata Krishna Sravanthi	Team Member	EC E	3	9292552 362	hl.sravanthia@gmail .com			
	Keerthi sai B	Team Member	EC E	3	8500489 035	hl.keerthib@gmail.c om			
	M.Lohitha	Team Member	EE E	3	9505416 033	hl.lohitha@gmail.co m			
2	A.Ramya Sri	Team Leader	EC e	3	9010649 093	hl.ramyasri99@gma il.com	Dream Originator s	Agrobots	Automatic system for smart agriculture
	M N R Priyanka	A.T.L	EE E	3	9110555 379	hl.nrpriyanka@gmai l.com			
	K Bhavana	Team Member	CS E	2	8463961 345	hl.bhavanakodavali @gmail.com			
	P Venu	Team Member	Me ch	3	9866841 512	hl.venu46@gmail.co m			

	Name	Role	Branch	Year	Phone	Email	Team Name	Project Name	Description
	KBSS.Nandini	Team Member	Cse	2	9154862529	hl.kuretinandini@gmail.com			
	CH.Sai Manikantha	Team Member	ECE	2	7901504042	hl.manikantha5@gmail.com			
3	T Pavan Rahul	Team Leader	Mech	3	7036628974	hl.pavanrahul@gmail.com	curb crossers	nanoids	Nano Bots-To maintain the space occupied by all kinds of equipment used in indusries,nano bots will perform the operations like migration of things that are maintained in industries.
	V Komal Kumar	A.T.L	CSE	3	7207150078	hl.komalkumar@gmail.com			
	K Lahari	Team Member	CSE	2	9704503248	hl.klahari@gmail.com			
	K DIvya	Team Member	ECE	2	7702494343	hl.divya4@gmail.com			
	Shaik Baji Babu	Team member	EEE	2	9133755626	hl.bajibabu@gmail.com			
	Sk.Akhil	Team Member	ECE	3	9100692082	hl.akhilshaik@gmail.com			
4	V Divyamsi	Team Leader	cse	3	8125562259	hl.divyamsi@gmail.com	Rackon Brazo	Strong Hold	Prosthetic arm to Physically challenged .
	P Prasad	A.T.L	EEE	2	9398050956	hl.prasad233@gmail.com			
	P Asha	Team Member	ECE	3	6304365852	hl.pachhala@gmail.com			
	A Yashwanth	Team Member	Mech	3	8801558597	hl.yashwanth885@gmail.com			
	Y Sailusha	Team Member	ECE	2	7207537535	hl.sailusha@gmail.com			
	KVS Avinash	Team Member	CSE	2	7981630391	hl.avianash@gmail.com			
5	M Likith	Team Leader	CSE	3	8341018337	hl,likhith@gmail.com	Silver swords	Bot H2O	Automatic Fire Controlling Robot
	A Asha Sai Lakshmi	A.T.L	ECE	3	9505701696	hl.ashasailakshmi@gmail.com			
	N V SivaSai Prabhu	Team Member	Mech	2	8096811148	hl.sivanallagonda@gmail.com			
	P Lalith Kumar	Team	EEE	3	7416121	hl.lalithkumar7416			

	Name	Role	Branch	Year	Phone	Email	Team Name	Project Title	Description
		Member	EEE		546	@gmail.com			
	K Ujwala	Team Member	ECE	2	9182733783	hl.ujwala12@gmail.com			
	K Indu priya	Team Member	CSE	2	7416868150	hl.indupriya@gmail.com			
6	M Prem Kumar	Team Leader	CSE	3	8374775022	hl.premkumar77@gmail.com	Techno Makers	Sewerage	Rain Water Consumption
	N Aparna	A.T.L	ECE	3	7013334964	hl.aparna235@gmail.com			
	SK Rahmatunnisa	Team Member	ECE	2	9154603912	hl.rahmatunnisa@gmail.com			
	P V N Dharani	Team Member	CSE	2	9705650553	hl.dharaniparuchuri@gmail.com			
	L S P Subhash	Team Member	EEE	2	8309099169	hl.subhash33@gmail.com			
	M Chandra Kanth	Team Member	Mech	3	9491232338	hl.chandrakanth368@gmail.com			
7	K T S Sumanth	Team Leader	CSE	3	8712859519	hl.sumanth99@gmail.com	AMIGO'S	BARRIER THE SAVIOUR	Preventing Accidents with Roller Barriers having sensors
	Shaik nagoor Basha	A,T,L	ECE	3	9553557596	hl.nagoor9806@gmail.com			
	Md Abdul Wahab	Team Member	Mech	3	8885571754	hl.abdulwahabmd@gmail.com			
	A Manasa Vennala	Team IMember	CSe	2	8331836883	hl.manasavennala@gmail.com			
	P pooja	Team Member	ECE	3	9966930464	hlpooja8199@gmail.com			
	R Rajesh	Team Member	EEE	2	8919595329	hl.rajeshrajaboina@gmail.com			
8	P joshna Sai Bharghavi	Team Leader	CSE	3	9701598180	hl.bharghavi@gmail.com	Y-NOT?	UAV Cop's	Making police patroling easy
	A N V Chaitanya Kumar	A.T.L	ECE	2	9154611072	hl.chaitanya10101999@gmail.com			

	Name	Role	Branch	Year	Phone	Email	Team Name	Project Name	Problem Statement
	Y Pujitha Ramya	Team Member	EEE	3	7396734575	hl.pujitha@gmail.com			
	Shaik irfan	Team Member	Mech	3	9642369612	hl.irfanmmik@gmail.com			
	Ch Lavanya Kumar	Team member	ECE	2	7382686867	hl.lavanyakumar@gmail.com\			
	A Pramod	Team member	CSE	2	9603580359	hl.pramod@gmail.com			
9	E.Latha	Team Leader	EEE	3		hl.lathanazari@gmail.com	Innovative Geeks	Smights	Smart Street Lighting
	Sd.Tabassum	Team Member	CSE	2	7032649719				
	K.Venkata Surya	Team Member	ECE	3	8790553632	hl.venkat.surya5@gmail.com			
	G.Bhavana Krishna	Team Member	MECH	2	7330157078	hl.bhavanakrishna@gmail.com			
	D.Omkar Avinash	A. TL	CSE	3	9347442519	hl.avinash@gmail.com			
	T.Manikanta Praveen	Team Member	ECE	2	7287987185	hl.praveen@gmail.com			
10	S.Padmavathi	Team Leader	ECE	3	8919360008	hl.padmavathi@gmail.com	Aqua Savers	PezTech	To increase the fish production of india by using smart techniques
	M.Vaibhavi	Team Member	EEE	2	9550210295	hl.vaibhavi4@gmail.com			
	M.Kamakshi	Team Member	CSE	2	9182742144	hl.kamakshi18@gmail.com			
	A.Krishna Keerthi	A.T L	CSE	2	6305540649	hl.krishnakeerthi@gmail.com			
	M.Arun Kumar	Team Member	MECH	2	8121225000	hl.arunkumar@gmail.com			
	P.Sandeep	Team Member	ECE	2	7893553019	hl.sandeep1322@gmail.com			

PSCMRCET
EMAIL

Murali Krishna .I <muralikrishna@pscmr.ac.in>

Fwd: e-Yantra Lab Setup initiative (eLSI), IIT Bombay -- Invitation to attend Principals' Meet at Vignan University
1 message

Dr.K.N. Rao <principal@pscmr.ac.in>   Fri, Mar 8, 2019 at 12:07 PM
To: "Murali Krishna .I" <muralikrishna@pscmr.ac.in>

---------- Forwarded message ---------
From: **Krishna Chaitanya** <chaitanyabright@gmail.com>
Date: Tue, Jan 20, 2015 at 8:49 PM
Subject: e-Yantra Lab Setup initiative (eLSI), IIT Bombay -- Invitation to attend Principals' Meet at Vignan University
To: <director@nbkrist.org>, <principal@mail.rvrjcce.ac.in>, <principal@rvrjcce.ac.in>, <bec_principal@yahoo.com>, <bec_principal@becbapatla.ac.in>, <principal@nbkrist.org>, <kmr@vrsiddhartha.ac.in>, <principal@vrsiddhartha.ac.in>, <audisankaracet@gmail.com>, <nec_nellore@yahoo.co.in>, <narayanaecg@yahoo.co.in>, <svecp@vidyanikethan.edu>, <principal_engg@kluniversity.in>, <principal_nimra@yahoo.co.in>, <principal@gecgudlavalleru.ac.in>, <principal@pvpsiddhartha.ac.in>, <prinicipal.ssiet54@gmail.com>, <director@lbrce.ac.in>, <profevprasad@yahoo.com>, <principal@amritasai.org.in>, <mietenggcollege@gmail.com>, <principal@mic.co.in>, <omahesho@yahoo.com>, <principal_djr@yahoo.co.in>, <gistprincipal@gmail.com>, <principalgist@gmail.com>, <principalgdmm@gamil.com>, <principal_nwce@yahoomail.com>, <taj.mam@gmail.com>, <principal.nova.kk@gmail.com>, <cnbhaskar@yahoo.com>, <nrihitech@rediffmail.com>, <principal_nriit@nrigroupofcolleges.com>, <principal@ppdcet.ac.in>, <principal@pscmr.ac.in>, <principal@csrcmr.ac.in>, <principal_mf@yahoo.in>, <sai_dec57@yahoo.co.in>, <principal@sviet.edu.in>, <principal@usharama.com>, <principal_nh@yahoo.in>, <pvsirbt@gmail.com>, <principal.vect@gmail.com>, <principal@sunflowercet.org>, <principal_w3@yahoo.co.in>, <sarak123in@yahoo.com>, <srktech@gmail.com>, <srktech@srkit.in>, <principal_sves@yahoo.com>, <bsrm54@gmail.com>, <glim.markapur@gmail.com>, <principal.7k@gmail.com>, <principal@djrcet.edu.in>, <principal@mvrcoe.ac.in>, <aruna.kesanam@gmail.com>, <akella.srinivas08@gmail.com>, <kadiyala_ravi72@yahoo.co.in>, <diet.principal@gmail.com>, <principle@vrsiddhartha.ac.in>, <drd@vrsiddhartha.ac.in>

Dear Sir,

Greetings from e-Yantra for a peaceful and productive 2015! (Click here)

As you are aware, e-Yantra is a project supported by MHRD through the National Mission on Education through ICT (NMEICT) to spread Embedded systems and Robotics education in colleges across India.

We invite you and Heads of concerned departments to participate in the e-Yantra Lab Setup Initiative (eLSI) that enables colleges to set up Robotics labs and teach Robotics and Embedded systems in an effective manner. Details of the meeting are given below:

Date/Time: Tuesday, January 27, 2015; 10:30 AM – 01:00 PM (followed by lunch)
Venue: Conference Hall - I, Guest House, Vignan University, Vadlamudi - 522213.

e-Yantra Lab Setup Initiative (eLSI) is a holistic approach to (i) impart theoretical and programming knowledge to teachers through workshops, (ii) provide hands on training to teachers through regional e-Yantra Robotics Teacher Competition (eYRTC), and (iii) help colleges set up their own Robotics labs.

To know more about this exciting initiative, please refer to the attached pamphlet. Sixteen labs were inaugurated in Mumbai through the eLSI - Pilot phase, on April 5, 2013. Please refer to the article that appeared in Hindustan Times attached herewith. In April 2014, we inaugurated 35 labs at colleges from Delhi, Ichalkaranji, Pune, Chandigarh, Shimoga.

In the current phase, over 60 colleges from Tamil Nadu, Noida and Kolkata have been trained in a two-day workshop and have successfully participated in the e-Yantra Robotics Teacher Competition (eYRTC). Finals of eYRTC and simultaneous lab inaugurations are being held at these 6 regions. (**Visit**: www.e-yantra.org)

Agenda for the meeting:

- e-Yantra: an overview
- What is eLSI? Why is it important for you?
- Discussion of the model and modalities
- Selection of colleges

After the meeting, colleges express their interest to partcipate in this Nation-building initiative by sending us a Letter of Intent (LoI). Format of the LoI is attached with this mail. (You may bring the LoI, duly signed and stamped to the meeting.)

We look forward to meeting you and launching this initiative successfully in your region. We will greatly appreciate if you can confirm your presence at the meeting **on or before January 21, 2015.**

RSVP:
S. Krishna Chaitanya,
Assistant Professor, Department of Applied Engineering, Vignan's University
Phone: 0863- 234 4700**; Cell**: +91-9440485456
e-mail: chaitanyabright@gmail.com

Looking forward to meeting you,

--
Prof. K N Rao, B.E., M.Tech., Ph.D.,
            MIEEE, MIE, C.Engg., MISTE, MIETE, MCSI, MACM
(Formerly from A.U.College of Engineering)
Principal
Potti Sreeramulu Chalavadi Mallikharjuna Rao college of Engineering and Technology
Kothapet
Vijayawada 520 001

+91 9441037218

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4 attachments

HTeducation-article.jpg

685K

eLSI-equipmentlist-Phase2-20141126.xls
23K

letter-of-intent.docx
83K

pamphlet-June2013.pdf
6401K

PSCMRCET EMAIL   Murali Krishna .I <muralikrishna@pscmr.ac.in>

Fwd: Invitation for E-Yantra [Robotics Lab] Inauguration with IIT Bombay
1 message

Dr.K.N. Rao <principal@pscmr.ac.in>   Fri, Mar 8, 2019 at 12:05 PM
To: "Murali Krishna .I" <muralikrishna@pscmr.ac.in>

---------- Forwarded message ---------
From: **Kattupalli Sudhakar** <ksudhakar@pscmr.ac.in>
Date: Thu, Jul 28, 2016 at 5:42 PM
Subject: Invitation for E-Yantra [Robotics Lab] Inauguration with IIT Bombay
To: <kmnsai@gmail.com>

Dear Sir,

On behalf of our Management, Principal and Team of Robotics Lab of PSCMRCET, I cordially invite you to attend the Robotics Lab Inauguration in collaboration with IIT Bombay at our Campus at PSCMR College of Engineering&Technology, Vijayawada-1.

Your presence here is immense and favorable to us. Please come over with your team for effective Press & Media coverage.

Please find our heartfelt invitation.

Thanks

--
KATTUPALLISUDHAKAR
B.Tech.,M.Tech.,MPIT(Australia).,LMCSI.,LMISSE.,MIASA.,MIAENG.,MACM.,MIEEE.,
Associate Professor, Department of Computer Science & Engineering,
PSCMRCET IEEE-Student Member Counselor, Department Training&Placement Officer,
PSCMRCET,VIJAYAWADA-1,AP,INDIA.
Mobile:+91 9010503595
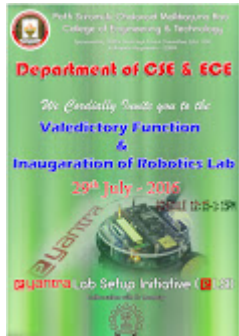Office:+918666461777.
Website: www.pscmr.ac.in

--
Prof. K N Rao, B.E., M.Tech., Ph.D.,
          MIEEE, MIE, C.Engg., MISTE, MIETE, MCSI, MACM
(Formerly from A.U.College of Engineering)
Principal
Potti Sreeramulu Chalavadi Mallikharjuna Rao college of Engineering and Technology

Kothapet
Vijayawada 520 001

+91 9441037218

eyantra-a4 copy(1).jpg
399K

PSCMRCET EMAIL

Murali Krishna .I <muralikrishna@pscmr.ac.in>

Fwd: e-Yantra Lab Setup Initiative (eLSI) : Lab Inaugurations/TBT conclusion
2 messages

pradeep kumar <satpradeep@gmail.com>   Sat, Jan 12, 2019 at 12:12 PM
To: muralikrishna@pscmr.ac.in

boxbe   pradeep kumar (satpradeep@gmail.com) is not on your Guest List | Approve sender | Approve domain

---------- Forwarded message ---------
From: **E-Yantra Admin** <admin@e-yantra.org>
Date: Tue, May 10, 2016 at 11:02 PM
Subject: e-Yantra Lab Setup Initiative (eLSI) : Lab Inaugurations/TBT conclusion
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Respected Sir/Madam,

Greetings from e-Yantra!

We hope you are enjoying working on Task 5 of Task Based Training (TBT-2016). Task 6 which is also the final task will be launched on 14th May 2016.

We have around 75 colleges participating in this phase of eLSI and we are planning to schedule online Valedictory Function and Lab Inaugurations in the **second week of July 2016**. The Valedictory function and Lab Inaugurations will happen completely online through web conferencing with each college assigned a fixed time slot. More details about this will be sent in the due time.

Valedictory function:

This is will involve distribution of the Completion Certificates/Proficiency awards i.e Class A/B/C (if eligible) depending on your team's performance in TBT-2016. These awards will be shipped before hand to all the eligible colleges and may be awarded to your team by your respective college officials/ HoD/Principal.

Lab Inauguration:

Colleges that are ready with the lab setup will receive an e-Yantra Signage. This signage will serve as an acknowledgement for the lab as a part of the e-Yantra Lab Setup initiative **(eLSI)** and also identifies the college as a member of the 150+ e-Yantra family of colleges spread across India.

Apart from this, colleges that have setup their labs and also have successfully completed all the tasks of TBT-2016 will receive the **two free robotic kits** for their newly established labs.

We understand that many colleges have started the procurement process and some have also received their equipment.

It is the right time for colleges that have not started the procurement process to start the same, so that all the colleges are ready with the lab setup by the second week of July 2016.

More information about lab setup and procurement of equipment will be sent in the following mail.

If you have any query, please feel free to contact us on support@e-yantra.org or call us on 2576-4986.

Dr.K.N. Rao <principal@pscmr.ac.in>   Fri, Mar 8, 2019 at 12:06 PM
To: "Murali Krishna .I" <muralikrishna@pscmr.ac.in>

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Date: Tue, May 10, 2016 at 11:02 PM
Subject: e-Yantra Lab Setup Initiative (eLSI) : Lab Inaugurations/TBT conclusion
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Respected Sir/Madam,

Greetings from e-Yantra!

We hope you are enjoying working on Task 5 of Task Based Training (TBT-2016). Task 6 which is also the final task will be launched on 14th May 2016.

We have around 75 colleges participating in this phase of eLSI and we are planning to schedule online Valedictory Function and Lab Inaugurations in the **second week of July 2016**. The Valedictory function and Lab Inaugurations will happen completely online through web conferencing with each college assigned a fixed time slot. More details about this will be sent in the due time.

Valedictory function:

This is will involve distribution of the Completion Certificates/Proficiency awards i.e Class A/B/C (if eligible) depending on your team's performance in TBT-2016. These awards will be shipped before hand to all the eligible colleges and may be awarded to your team by your respective college officials/ HoD/Principal.

Lab Inauguration:

Colleges that are ready with the lab setup will receive an e-Yantra Signage. This signage will serve as an acknowledgement for the lab as a part of the e-Yantra Lab Setup initiative **(eLSI)** and also identifies the college as a member of the 150+ e-Yantra family of colleges spread across India.

Apart from this, colleges that have setup their labs and also have successfully completed all the tasks of TBT-2016 will receive the **two free robotic kits** for their newly established labs.

We understand that many colleges have started the procurement process and some have also received their equipment.

It is the right time for colleges that have not started the procurement process to start the same, so that all the colleges are ready with the lab setup by the second week of July 2016.

More information about lab setup and procurement of equipment will be sent in the following mail.

If you have any query, please feel free to contact us on support@e-yantra.org or call us on 2576-4986.

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Fwd: Invitation to set up e-Yantra Robotics Lab in your College
1 message

Dr.K.N. Rao <principal@pscmr.ac.in>   Fri, Mar 8, 2019 at 12:01 PM
To: "Murali Krishna .I" <muralikrishna@pscmr.ac.in>

---------- Forwarded message ---------
From: **no-reply** <aicte.admin@aicte-india.org>
Date: Thu, May 10, 2018 at 4:44 PM
Subject: Invitation to set up e-Yantra Robotics Lab in your College
To: <principal@pscmr.ac.in>

Dear Sir/Madam,

MHRD has sponsored by e-Yantra, a project under National Mission on Education through ICT (NMEICT) that enables setting up of Robotics labs in colleges throughout the country and trains teachers to be effective mentors and enthuses students with exposure to embedded systems and robotics through "Project-based-learning". (Please refer http://www.e-yantra.org)

e-Yantra provides a two-phase training free of cost to teachers:

  •   A two-day face-to-face workshop to introduce them to the basic concepts of Robotics and Embedded systems and
  •   Online training over 3-4 months termed Task-Based Training (TBT) where teacher teams are given a Robotic kit and guided to implement experiments using the robot.

To participate, a college needs to invest Rs. 2L towards equipment and accessories to set up a basic lab and nominate 4 teachers to be trained. In addition to both face-to-face hands-on training followed by online training, e-Yantra provides 3 free robotic kits to colleges where teacher team completes training and college sets up their lab.

Detail information in this regard and other benefits to colleges once they have set up a robotics lab is available at http://www.e-yantra.org and may also be contacted to Prof. Kavi Arya at the following address.

Prof. Kavi Arya

Principal Investigator, e-Yantra Project

Department of Computer Science & Engineering

IIT Bombay, Powai, Mumbai 400076

Email: kavi@cse.iitb.ac.in, kavi.arya@gmail.com

Mobile: +91-9820414114; Landline: 022-25767909

AICTE wish all its approved institutes to proactively participate and make use of these facilities for the benefit of students and faculty members.

https://drive.google.com/file/d/1oPOQ0cXQkqyivaMdVhXPXtL7NkDPFYZh/view?usp=sharing

With Regards,

AICTE

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Prof. K N Rao, B.E., M.Tech., Ph.D.,
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Project Proposal

Title of the Project: **CHASER DRONE**

Team Members (Total) : 4

      Faculty Members(Names) : V.S.R.K.PASAD. G

      Student Members (Names):
1. P.Jagadeeshwara Vara Prasad 2nd year
2. P.Lakshmi Saroja 2nd year
3. Likith Kumar 2nd year
4. Sri Teja 2nd year

Objective :

As majorly Indian population is depend on agriculture, so they need to harvest their fields and later on they need to survive their fields from damaging of wild animals. This is manually the farmers as to save their fields from damaging. As the drone technology change rapidly, with the help of it, the farmers automatically can prevent their fields from damaging of wild animals and can also prevent when they entered into field.

Details of Proposal Sent or Competitions Participated:

1) E-Yantra Robotics Competition 2017 –IIT Bombay

Out Come:

To make Drone technology to helpful for farmers for farming their fields and also to prevent from damaging of crops without manually.

PO Mapping : (Insert tick Mark($\sqrt{}$)

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	√		√		√			√		√	√

Title of the Project: RESTAURANT ASSISTANT ROBOT

Team Members (Total) : 3

Faculty Members(Names) : V.S.R.K.PASAD. G

Student Members (Names):

1   P.Jagadeeshwara Vara Prasad   2nd year
2   P.Lakshmi Saroja   2nd year
3   N.Leela Pavan Kumarr   2nd year

Objective :

As normally in restaurants the customers are serviced with a waiters whether the order taking, bringing and servicing this is done everything manually, Thus it may have a delay taking at any process and owners are needed to bear them. Now days as rapid growth of robot technology (AI) which makes work automation. Thus instead of having manually to make automation the robots can use and make them to have a order taken from customers and giving at kitchen and serving within a time which makes a work efficient. Thus how it makes a simple we are implementing within our poject.

Details of Proposal Sent or Competitions Participated:

1)   Gora Science state level Competition Vijayawada-2017

Out Come:

To design a model that makes the thing automation with the robots(A.I)

PO Mapping : (Insert tick Mark($\sqrt{}$)

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	$\sqrt{}$		$\sqrt{}$		$\sqrt{}$			$\sqrt{}$		$\sqrt{}$	$\sqrt{}$

Title of the Project: OBSTACLE AVOIDING ROBOT

Team Members (Total) : 3

Faculty Members (Names) : V.S.R.K.PASAD. G

Student Members (Names):

1	M.Prem Kumar	2nd year
2	D.Nishitha	2nd year
3	M.Sameena Begum	2nd year

Objective:

As one of leading technology is IoT which makes things automation . The ojective of project is to develop a robot that is used to controlled a vehicle automatically to detect object coming front and controlling of vehicle from accidents irrespective of driver attention. It is also used to detect the front vehicles in fogs, As in fogs the driver cann't able to see front vehicles coming and can occur accidents,So to overcome it we designed a robot that can overcome such causes. This robot is attached in front to vehicle to overcome it.

Details of Proposal Sent or Competitions Participated:

Technical Project Expo in Various Colleges

1. V R SIDDHARTHA ENGINEEING COLLEGE-VIJAYAWADA
2. PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY-VIJAYAWADA
3. SRK INSTITUTE OF TECHNOLOGY-ENIKEPADU
4. VIKAS COLLEGE OF ENGINEERRING AND TECHNOLOGY-NUNNA
5. PSCMR COLLEGE OF ENGINERING AND TECHNOLOGY-VIJAYAWADA

Out Come:

To design a things with usage of sensors and micro controllers to make things automation

PO Mapping: (Insert tick Mark ($\sqrt{}$)

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	$\sqrt{}$		$\sqrt{}$		$\sqrt{}$			$\sqrt{}$		$\sqrt{}$	$\sqrt{}$

Title of the Project: Automatic Traffic Signal System using Proximity Sensor

Team Members (Total) : 2

Faculty Members (Names) : V.S.R.K.PASAD. G

Student Members (Names):
1   K.V.D.N Bhavani   2nd year
2   A.Someswari   2nd year

Objective :

The objective is making traffic simple in 4 or 8 ways road junction's crossing over. As normally at the junctions of roads to cross vehicles we apply a traffic signal system with a time interval for each road. When one way had heavy vehicles and other way doesn't have then we need to wait the vehicles until the way comes. Thus the signal system doesn't have efficient working. So to have efficient system we propsed a automation signal system were their is a heavy vehides the automatic system will clears that way first and later the next way.

Details of Proposal Sent or Competitions Participated:

1)   APElectrothon-2018 State Level Competition- Acharya Nagarjuna University

Out Come:

To design a things with usage of sensors and micro controllers to make things automation

PO Mapping : (Insert tick Mark($\surd$)

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	$\surd$		$\surd$		$\surd$			$\surd$		$\surd$	$\surd$

e-yantra

Engineering a better tomorrow
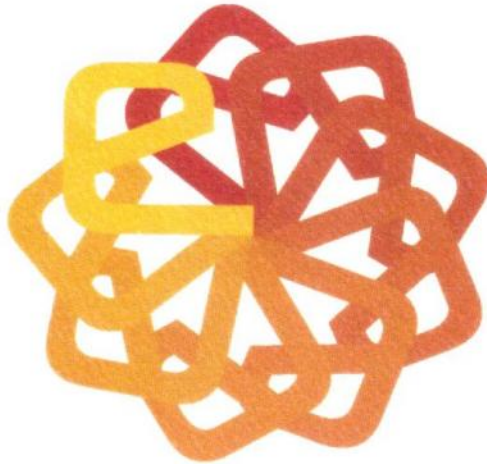
Certificate of Completion

This certificate is awarded to **B. Sarath Chandra**, a team member from *PSCMR College of Engineering and Technology, Vijaywada, Andhra Pradesh* for completing the

Restaurant Assistant: Order Taking Robot

theme assigned in the **TBT Challenge**; this is a challenge taken up by proficient teams who participated in the **Task Based Training (TBT-2016)**, conducted as a part of **e-Yantra Lab Setup Initiative (eLSI)**.

He/She is a member of the team having the following participants,

1. *B. Sarath Chandra*
2. *S Pradeep Kumar*
3. *T. Sireesha*
4. *V. S. R. K Prasad G*

Prof. Kavi Arya
Principal Investigator, e-Yantra,
Associate Professor
Computer Science & Engineering Department,
IIT Bombay.

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MEMORANDUM OF UNDERSTANDING

This memorandum of understanding made and entered into on this __25TH__ day of __NOVEMBER' 16__ at Vijayawada, between The **POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO COLLEGE OF ENGINEERING AND TECHNOLOGY,** Vijayawada has represented by the **Principal Sri Dr.K.Nageswara Rao,** on herein after referred to as "First Party" which expression unless repugnant to the subject or context shall mean and include its successors and assignees of the part.

AND

SOFTWARE DEVELOPMENT CENTER, SOUTH CENTRAL RAILWAY WOMEN'S WELFARE ORGANISATION, an organization in Indian railways as Second party, which expression unless repugnant to the subject or context shall mean and include its successors and assignees of the part.

It has imparted Software Trainings to the railway employees of different departments of Vijayawada division under "Management Information Systems". It has developing the different types of software for the Departments in the South Central Railway, Vijayawada Division. On this account, we are providing the LIVEPROJECTS and INDUSTRIAL TRAINING including certificates from various Departments of SCR/BZA for the students M. Tech, B. Tech (CSE, ECE, IT, EEE, MECH, CIVIL and ECM), Diploma nd MCA belonging to various engineering colleges affiliated to JNTUK, Nagarjuna University, Vignan University, Vikramasimhapuri University, SV University, Andhra University, NIIT etc., during the last twelve years.

We are glad to inform you that our Organization is considering you to accommodate the students to take up projects/internships in South Central Railway, Vijayawada Division with reasonable fee. We are able to provide guidance for limited M. Tech, B. Tech, Diploma and MCA students.

The **POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO COLLEGE OF ENGINEERING AND TECHNOLOGY, Vijayawada-1** started in the field of Professiona academic Education in Engineering Curriculum of Computer Science & Engineering Electronics & Communication Engineering, Electrical & Electronics Engineering, Civi Engineering and Mechanical Engineering and their applications such as Robotics, Cloud Computing, Domain Specific areas, Networking, Security, Website Development, Artificia Intelligence, Electronics, Electrical, Mechanical applications; in techni al collaboration with Professional bodies (Both National & International) and IIT's of India.

Now the second party has proposed to impart projects and industrial training to Computers, Electronics, Electrical and Mechanical students in the concern department o south central railway, Vijayawada to improve their skills, to bridge the gap between academics and Industry by exposing students practically to the live equipment which will be useful for their future and help them understand the working env ronment of concern department.

NOW THIS MEMORANDUM OF UNDERSTANDING AS FOLLOWS

1. The student has to fill the application form with latest passport size photo.
2. The student has to pay the fee.
3. The student has to maintain the discipline in the railway premises.
4. The Organization will maintain the attendance register for every student.
5. The SCRWWO will not pay any stipend.

Curriculum for CSE and IT students:

1. Complete explanation of different departments in South Central Railway, Vijayawada

2. Training in Web based Technology and Database Programming.

3. Development of Software to different departments.

4. Execution and Installation.

Curriculum for ECE/EIE students:

1. Explanations about the working process in the Signal and Teleco nmunication Department, South Central Railway, Vijayawada.

2. Making the model Kit or study project which belongs and uses to the South

3. Central Railway, Vijayawada (Optional).

Curriculum for MECHANICAL students:

1. Explanations about the working process in the Mechanical Department, South Centra Railway, and Vijayawada.

2. Making the model Kit or study project which belongs and uses to the South

3. Central Railway, Vijayawada (Optional).

Curriculum for EEE students:

1. Explanations about the working process in the Electrical Department, South Central Railway, and Vijayawada.

2. Making the model Kit or study project which belongs and uses to the Electrical

3. Department, South Central Railway, Vijayawada (Optional).

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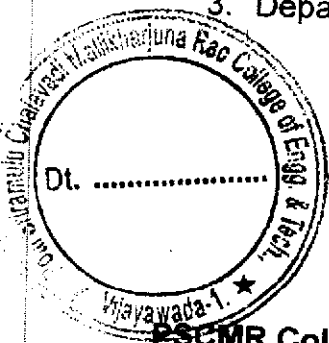
PRINCIPAL
PSCMR College of Engineering & Technology
Principal·
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520001.

SECRETARY
SCRWWO/VIJAYAWADA
SOUTH CENTRAL RAILWAY
WOMEN'S WELFARE ORGANISATION [Regd.]
V I J A Y A W A D A

SOUTH CENTRAL RAILWAY
WOMEN'S WELFARE ORGANISATION [REGD]
VIJAYAWADA

DATE: 24.06.17

TO WHOM SOEVER IT MAY CONCERN

This is to certify that Ms. KAVITHA SRI TATA D/o Sri. T. HARI VENKATA RAMAKRISHNA Enrollment No: 14KT1A04A3course BACHELOR OF TECHNOLOGY – ECE – semester III-2 student of POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO COLLEGE OF ENGINEERING AND TECHNOLOGY, Kothapeta has successfully completed the INTERNSHIP in SIGNAL AND TELECOMMUNICATION DEPARTMENT, SOUTH CENTRAL RAILWAY, VIJAYAWADA from 24TH May '2017 to 24TH Jun '2017.

During the tenure of her internship, her conduct and contribution have been _____ Good _____.

We wish her all the best and success.

SECRETARY
SOUTH CENTRAL RAILWAY
WOMEN'S WELFARE ORGANISATION [Regd.]
VIJAYAWADA

REGD No: 183/199?

SOUTH CENTRAL RAILWAY
WOMEN'S WELFARE ORGANISATION [REGD]
VIJAYAWADA

DATE: 24.06.17

TO WHOM SOEVER IT MAY CONCERN

This is to certify that Ms. PATIBANDA YOGYA SRI D/o Sri. P. KUMAR Enrollment No: 14KT1A0475 course BACHELOR OF TECHNOLOGY – ECE – semester III-2 student of POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO COLLEGE OF ENGINEERING AND TECHNOLOGY, Kothapeta has successfully completed the INTERNSHIP in SIGNAL AND TELECOMMUNICATION DEPARTMENT, SOUTH CENTRAL RAILWAY, VIJAYAWADA from 24TH May '2017 to 24TH Jun '2017.

During the tenure of her internship, her conduct and contribution have been _____GOOD_____.

We wish her all the best and success.

SECRETARY
SOUTH CENTRAL RAILWAY
WOMEN'S WELFARE ORGANISATION [Regd.]
VIJAYAWADA

SOUTH CENTRAL RAILWAY
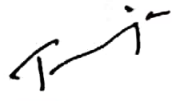# WOMEN'S WELFARE ORGANISATION [REGD]
VIJAYAWADA

DATE: 24.06.17

TO WHOM SOEVER IT MAY CONCERN

This is to certify that Ms. PUVVADA KALYANI D/o Sri. P. RAM MOHAN RAO Enrollment No: 14KT1A0481 course BACHELOR OF TECHNOLOGY – ECE – semester III-2 student of POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO COLLEGE OF ENGINEERING AND TECHNOLOGY, Kothapeta has successfully completed the INTERNSHIP in SIGNAL AND TELECOMMUNICATION DEPARTMENT, SOUTH CENTRAL RAILWAY, VIJAYAWADA from 24TH May '2017 to 24TH Jun '2017.

During the tenure of her internship, her conduct and contribution have been _____ GOOD _____ .

We wish her all the best and success.

SECRETARY
SOUTH CENTRAL RAILWAY
WOMEN'S WELFARE ORGANISATION [Regd.]
VIJAYAWADA

SOUTH CENTRAL RAILWAY
WOMEN'S WELFARE ORGANISATION [REGD]
VIJAYAWADA

DATE: 24.06.17

TO WHOM SOEVER IT MAY CONCERN

This is to certify that Ms. AKURATHI YUVA RANI D/o Sri. A. BALA POORNA PRASAD Enrollment No: 14KT1A0405 course BACHELOR OF TECHNOLOGY – ECE – semester III-2 student of POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO COLLEGE OF ENGINEERING AND TECHNOLOGY, Kothapeta has successfully completed the INTERNSHIP in SIGNAL AND TELECOMMUNICATION DEPARTMENT, SOUTH CENTRAL RAILWAY, VIJAYAWADA from 24TH May '2017 to 24TH Jun '2017.

During the tenure of her internship, her conduct and contribution have been _____ GOOD _____.

We wish her all the best and success.

SECRETARY
SOUTH CENTRAL RAILWAY
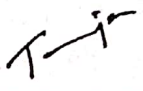WOMEN'S WELFARE ORGANISATION [Regd]
VIJAYAWADA

DATE 24.06.17

TO WHOM SOEVER IT MAY CONCERN

This is to certify that Ms. TIRUVEEDULA BHAVANA D/o Sri. T. SIVAJI Enrollment No: 14KT1A04A6 course BACHELOR OF TECHNOLOGY – ECE – semester III-2 student of POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO COLLEGE OF ENGINEERING AND TECHNOLOGY, Kothapeta has successfully completed the INTERNSHIP in SIGNAL AND TELECOMMUNICATION DEPARTMENT, SOUTH CENTRAL RAILWAY, VIJAYAWADA from 24TH May '2017 to 24TH Jun '2017.

During the tenure of her internship, her conduct and contribution have been _____ GOOD _____.

We wish her all the best and success.

SECRETARY
SOUTH CENTRAL RAILWAY
WOMEN'S WELFARE ORGANISATION [Regd.]
VIJAYAWADA

SOUTH CENTRAL RAILWAY
WOMEN'S WELFARE ORGANISATION [REGD]
VIJAYAWADA

DATE: 24.06.17

TO WHOM SOEVER IT MAY CONCERN

This is to certify that Ms. SHAIK TASLEEMA D/o Sri. SK. ZIKRIYA Enrollment No: 14KT1A0496 course BACHELOR OF TECHNOLOGY – ECE – semester III-2 student of POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO COLLEGE OF ENGINEERING AND TECHNOLOGY, Kothapeta has successfully completed the INTERNSHIP in SIGNAL AND TELECOMMUNICATION DEPARTMENT, SOUTH CENTRAL RAILWAY, VIJAYAWADA from 24TH May '2017 to 24TH Jun '2017.

During the tenure of her internship, her conduct and contribution have been _____ GOOD _____.

We wish her all the best and success.

SECRETARY
SOUTH CENTRAL RAILWAY
WOMEN'S WELFARE ORGANISATION [Regd.]
VIJAYAWADA