



SRK INSTITUTE OF TECHNOLOGY

Enikepadu, Vijayawada 521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

(ISO 9001:2015 Certified Institution)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**LIST OF INTERNSHIP PROGRAM ATTENDEES
A.Y. 2018-19**

| S.NO | PROGRAM | ROLL NO | NAME OF THE STUDENT | TOPIC | DURATION | DATE | NAME OF THE ORGANIZATION |
|------|---------|------------|---------------------|--|----------|--------------------------|-------------------------------------|
| 1 | B. Tech | 15X41A0207 | B.Mounika | Embedded Systems Design with Microcontroller & Programming | 1Month | 05.11.2018 to 07.12.2018 | Microlink peripheral controls(P)Ltd |
| 2 | B. Tech | 15X41A0212 | P.Chaitanya | Embedded Systems Design with Microcontroller & Programming | 1Month | 05.11.2018 to 07.12.2018 | Microlink peripheral controls(P)Ltd |
| 3 | B. Tech | 15X41A0218 | G.Pavani | Embedded Systems Design with Microcontroller & Programming | 1Month | 05.11.2018 to 07.12.2018 | Microlink peripheral controls(P)Ltd |
| 4 | B. Tech | 16X45A0211 | B.Sai Kishore | Embedded Systems Design with Microcontroller & Programming | 1Month | 05.11.2018 to 07.12.2018 | Microlink peripheral controls(P)Ltd |
| 5 | B. Tech | 16X45A0219 | K.Lokesh | Embedded Systems Design with Microcontroller & Programming | 1Month | 05.11.2018 to 07.12.2018 | Microlink peripheral controls(P)Ltd |

S. Svi Gowri

PRINCIPAL

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ENIKEPADU, VIJAYAWADA-521 108.

HOD



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

LIST OF INTERNSHIP PROGRAM ATTENDEES

A.Y. 2018-19

| S.NO | PROGRAM | ROLL NO | NAME OF THE STUDENT | TOPIC | DURATION | DATE | NAME OF THE ORGANIZATION |
|------|---------|------------|---------------------|--|----------|--------------------------|-------------------------------------|
| 1 | B. Tech | 16X41A0205 | M.Saichand | Embedded Systems Design with Microcontroller & Programming | 1Month | 29.04.2019 to 31.05.2019 | Microlink peripheral controls(P)Ltd |
| 2 | B. Tech | 17X45A0201 | MD.Suleman | Embedded Systems Design with Microcontroller & Programming | 1Month | 29.04.2019 to 31.05.2019 | Microlink peripheral controls(P)Ltd |
| 3 | B. Tech | 17X45A0206 | N.Omkar | Embedded Systems Design with Microcontroller & Programming | 1Month | 29.04.2019 to 31.05.2019 | Microlink peripheral controls(P)Ltd |
| 4 | B. Tech | 17X45A0208 | S.Siva Sai Kumar | Embedded Systems Design with Microcontroller & Programming | 1Month | 29.04.2019 to 31.05.2019 | Microlink peripheral controls(P)Ltd |
| 5 | B. Tech | 17X45A0216 | L.Chakradhar | Embedded Systems Design with Microcontroller & Programming | 1Month | 29.04.2019 to 31.05.2019 | Microlink peripheral controls(P)Ltd |

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DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

Date: 07.08.2018

PROGRAM REPORT

Name of the Program : Two days Workshop on "PCB DESIGN".

Date / Duration : 03.08.2018 to 04.08.2018 (2 - Days)

Resource Person : Mr. V. Govinda Rao, Director, Microlink Information Technologies

Name of Coordinator : Mr.B.RAVI, Assistant Professor, ECE

Number of Participants: 128

Program Objectives: The objective of this program is to introduce participants to the fundamentals of Circuits Design on Printed Circuit Board.

Topics Covered : The following topics were discussed in this workshop

- Introduction to the Basic Electronics Components and Soldering Techniques
- Circuit layout Design using Spice Tool
- Testing of the Implemented Circuit



Program Outcome : The workshop is intended to facilitate the students to acquire Knowledge and information in the design of various Electronic Circuits on Printed Circuit Boards.

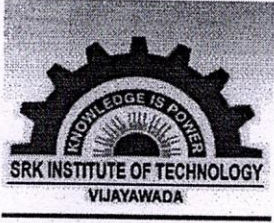
21
Coordinator

S. Sri Gowri
HOD/ Date

7/8/18

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS
ENGINEERING**

Academic Year: 2018-19

Year/Sem: IV/II

List of IV/IV B. Tech, ECE Students Attended for 30-days Internship Training on “Embedded Systems Design with Microcontroller & Programming” at Microlink Information Technologies, Vijayawada from 05.11.2018 to 07.12.2018.

| S. NO | ROLL NUMBER | NAME OF THE STUDENT |
|-------|-------------|-----------------------|
| 1 | 15X41A0402 | P JYOTHI |
| 2 | 15X41A0404 | S S SRAVANTHI M |
| 3 | 15X41A0409 | B SURYA PRAKASH REDDY |
| 4 | 15X41A0418 | V SUSMITHA |
| 5 | 15X41A0427 | S ESWAR SAI |
| 6 | 15X41A0429 | K ANUROOPA |
| 7 | 15X41A0432 | P SWAPNA |
| 8 | 15X41A0463 | Y TANUJA |
| 9 | 15X41A0471 | D NAVYA SRI |
| 10 | 15X41A0490 | N NELSON |

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DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS
ENGINEERING

Academic Year: 2018-19

Year/Sem: III/II

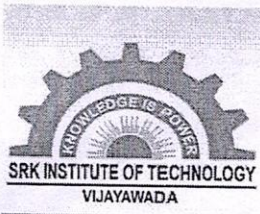
List of III/IV B. Tech, ECE Students Attended for 30-days Internship Training on "Embedded Systems Design with Microcontroller & Programming" at Microlink Information Technologies, Vijayawada from 29.04.2019 to 31.05.2019.

| S. NO | ROLL NUMBER | NAME OF THE STUDENT |
|-------|-------------|---------------------|
| 1 | 16X41A0412 | D SAI SUDHESHNA |
| 2 | 16X41A0417 | G THANMAI |
| 3 | 16X41A0432 | M SAI MALLESWAR |
| 4 | 16X41A0436 | O ROJA MERCY |
| 5 | 16X41A0473 | G B SRI GOWRI |
| 6 | 16X41A0494 | SK GOUSI |
| 7 | 16X41A04A6 | V SIVARAM |
| 8 | 16X41A04A7 | V PRANEETH SAI |
| 9 | 17X45A0417 | K NAGARAJU |

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M. Malleeswari

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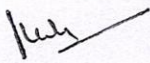


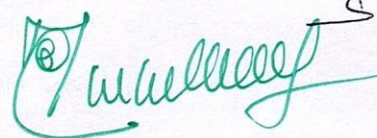
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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

Date: 30-11-2018

REPORT

- Name of the Program** : Five days Certificate Program on "MENTOR GRAPHICS EDA TOOLS"
- Date / Duration** : 26-11-2018 to 30-11-2018
- Resource Person** : Mr. K.Pradeep, Application Engineer, APPLY VOLT
Mobile No: 9160789880
- Name of Coordinator** : Mr. K.Venkateswara Rao, Assistant Professor, ECE Department
- Number of Participants** : 45
- Program Objective** : The objective of this program is to educate the students about the basics of Back End Design for complex Electronic Circuits using Automation Tools like Mentor Graphics EDA Tools. Hands-on session will involve with Mentor Graphics HEP-2 Module.
- Topics Covered** : Topics covered in this program are
- Fundamentals of Circuit Design
 - Back end design strategies
 - Introduction to MENTOR GRAPHICS
 - Design of Circuits through HEP-2 module
 - Design of Schematics for complex circuits
 - Design of Layout and verification through DRC, LVS
 - Verification of design using CALIBRE and PEX
- Program Outcome** : Students acquired good knowledge on Electronic Design Automation Tools in designing complex circuit schematics and their Layouts with MENTOR GRAPHICS EDA TOOL.


Program Coordinator



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HOD



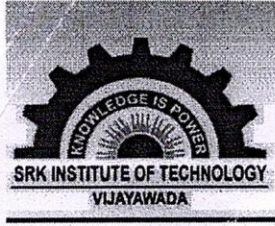
SRK INSTITUTE OF TECHNOLOGY
 Enikepadu, Vijayawada 521108
 Department of Electronics and Communication
 Engineering
**FACULTY TRAINING CUM EFFECTIVENESS
 RECORD**

SRKIT / ECE / 29

Name: Shabeerna Mohammad..... Designation: Asst. Professor.....

| Date of Training Done | Topic of Training | Signature of Faculty | Status of the effectiveness | Sign of Reporting HOD / Date |
|-----------------------|--|----------------------|-----------------------------|------------------------------|
| 08/06/18 | An Introduction to programming the IOT | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 26/3/19 |
| 01/09/18 | Embedded system (IOT) | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 26/3/19 |
| 22/08/19 | Arduino Programming & LABS | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 21/10/19 |
| 24/8/19 | Embedded systems using the ARM Mbed Platform | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 21/10/19 |
| 29/9/19 | FPGA Design & VHDL | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 21/10/19 |
| 17-20/4/19 | Microchip Academy RTC Instructor Training | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 21/10/19 |
| 4/4/2019 | NPTEL MP&HC | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 21/10/19 |
| 14 to 18/10/19 | Effective Teaching & Learning | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 21/10/19 |
| | | | | |
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ENGINEERING**

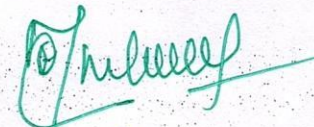
Academic Year: 2018-19

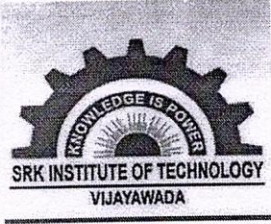
Year/Sem: IV/II

List of IV/IV B. Tech, ECE Students Attended for 30-days Internship Training on "Design and Verification of VLSI Circuits by using Vivado Tool and Zynq-7000 SoC" at APPLY VOLT, Vijayawada from 10.12.2018 to 12.01.2019.

| S. NO | ROLL NUMBER | NAME OF THE STUDENT |
|-------|-------------|--------------------------|
| 1 | 15X41A0412 | PATHAPATI NAGA LAKSHMI |
| 2 | 15X41A0422 | POTNURI AVINASH |
| 3 | 15X41A0435 | SONTYANA NAVEEN KUMAR |
| 4 | 15X41A0439 | BEZAWADA RAJASREE |
| 5 | 15X41A0452 | PATIBANDLA AKHILA |
| 6 | 15X41A0469 | SIVARATRI MURALI KRISHNA |
| 7 | 15X41A0475 | DEKKA PRATHYUSHA |
| 8 | 15X41A0488 | PONUGUMATI BHASKAR RAO |
| 9 | 16X45A0412 | CHINNAM PAVANI |
| 10 | 16X45A0415 | GALI KEERTHANA |

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING

Academic Year: 2019-20

Year/Sem: III/II

The following students of III/IV B.Tech ECE are attended for Internship on “Advanced Telecom Technologies”, conducted by BSNL, VIJAYAWADA from 13-05-2019 to 08-06-2019.

| S. NO | ROLL NUMBER | NAME OF THE STUDENT |
|-------|-------------|--|
| 1 | 16X41A0493 | SEELAM PREETHI |
| 2 | 16X41A04A2 | TIRUMALASETTI SINDHU |
| 3 | 16X41A04A3 | TRIPURAMALLU NAGA DEVI SRI NIHARIKA |
| 4 | 16X41A04B2 | YARABARLA MOHAN |

S. Srin Gowd
HOD ECE


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RAKI AVENUES Pvt. Ltd.

Corporate Office :

D.No. 73-22-4/A, Behind GAIL Office, Balaramakrishnaraju Nagar,

Near A. V. Apparao Road, RAJAMAHENDRAVARAM -533 103.

CIN : U70100AP2014PTC095143

Phone : 7093702337, Web : www.rakiavenues.com, E-mail : info@rakiavenues.com

Date:.....

To

Dr. M. Ekambaram Naidu,
Principal,
SRK Institute of Technology,
Vijayawada- 521 108.

Dear Sir,

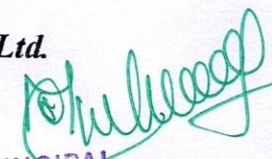
Sub: Permission Letter for Internship –Reg
Ref: Institute Request Letter dated- 13/08/2018.

With Reference to the Institute Request Letter dated: 13/08/2018, we are pleased to inform you that the following students studying MBA III Semester from SRK Institute of Technology, Vijayawada, is accorded permission to pursue internship at this company from 20/08/2018 to 01/09/2018. No stipend will be paid during the Internship period to the candidate.

| S.No. | Roll Number | Name of the Student |
|-------|-------------|---------------------|
| 1 | 17X41E0017 | G V SRINIVAS |
| 2 | 17X41E0019 | GOLLAPUDI RAVALI |
| 3 | 17X41E0031 | KUPPAM CHANDANA |
| 4 | 17X41E0037 | MORAM VENKATESH |
| 5 | 17X41E0058 | VINUKONDA GOPINATH |

Thanking You.


For Raki Avenues Pvt. Ltd.
GANNAVARAM


PRINCIPAL
SRK Institute of Technology
ENIKEPADU, VIJAYAWADA-521 108



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Corporate Office :

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Near A. V. Apparao Road, RAJAMAHENDRAVARAM -533 103.

CIN : U70100AP2014PTC095143

Phone : 7093702337, Web : www.rakiavenues.com, E-mail : info@rakiavenues.com

Date:.....

TO WHOM SO EVER IT MAY CONCERN

SUB: INTERNSHIP COMPLETION LETTER

We are glad to inform you that Mr. **G V SRINIVAS** bearing Roll Number: **17X41E0017**, studying MBA III Semester from SRK Institute of Technology, Vijayawada, has successfully completed his internship at this company from 20/08/2018 to 01/09/2018.

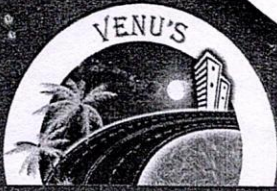
During the internship, he was exposed to the various activities in HR Practices. We found him extremely inquisitive and hard working. He was very much interested to learn the functions of our core division and also willing to put his best efforts and get in to the depth of the subject to understand it better.

His association with us was very fruitful and we wish all the best in his future endeavours.


For Raki Avenues Pvt. Ltd.
GANNAVARAM



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Date:.....

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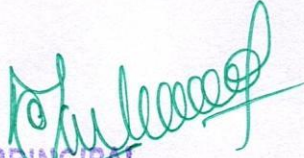
SUB: INTERNSHIP COMPLETION LETTER

We are glad to inform you that Ms. **GOLLAPUDI RAVALI** bearing Roll Number: **17X41E0019**, studying MBA III Semester from SRK Institute of Technology, Vijayawada, has successfully completed her internship at this company from 20/08/2018 to 01/09/2018.

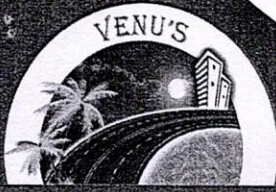
During the internship, she was exposed to the various activities in HR Practices. We found her extremely inquisitive and hard working. She was very much interested to learn the functions of our core division and also willing to put her best efforts and get in to the depth of the subject to understand it better.

Her association with us was very fruitful and we wish all the best in her future endeavours.


For Raki Avenues Pvt. Ltd.


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Phone : 7093702337, Web : www.rakiavenues.com, E-mail : info@rakiavenues.com

Date:.....

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SUB: INTERNSHIP COMPLETION LETTER

We are glad to inform you that Ms. **KUPPAM CHANDANA** bearing Roll Number: **17X41E0031**, studying MBA III Semester from SRK Institute of Technology, Vijayawada, has successfully completed her internship at this company from 20/08/2018 to 01/09/2018.

During the internship, she was exposed to the various activities in HR Practices. We found her extremely inquisitive and hard working. She was very much interested to learn the functions of our core division and also willing to put her best efforts and get in to the depth of the subject to understand it better.

Her association with us was very fruitful and we wish all the best in her future endeavours.



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Date:.....

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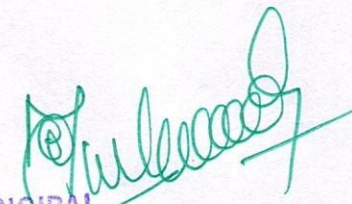
SUB: INTERNSHIP COMPLETION LETTER

We are glad to inform you that Mr. **MORAM VENKATESH** bearing Roll Number: **17X41E0037**, studying MBA III Semester from SRK Institute of Technology, Vijayawada, has successfully completed his internship at this company from 20/08/2018 to 01/09/2018.

During the internship, he was exposed to the various activities in HR Practices. We found him extremely inquisitive and hard working. He was very much interested to learn the functions of our core division and also willing to put his best efforts and get in to the depth of the subject to understand it better.

His association with us was very fruitful and we wish all the best in his future endeavours.




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CIN : U70100AP2014PTC095143

Phone : 7093702337, Web : www.rakiavenues.com, E-mail : info@rakiavenues.com

Date:.....

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SUB: INTERNSHIP COMPLETION LETTER

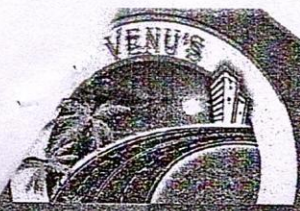
We are glad to inform you that Mr. **VINUKONDA GOPINATH** bearing Roll Number: **17X41E0058**, studying MBA III Semester from SRK Institute of Technology, Vijayawada, has successfully completed his internship at this company from 20/08/2018 to 01/09/2018.

During the internship, he was exposed to the various activities in HR Practices. We found him extremely inquisitive and hard working. He was very much interested to learn the functions of our core division and also willing to put his best efforts and get in to the depth of the subject to understand it better.

His association with us was very fruitful and we wish all the best in his future endeavours.



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CIN : U70100AP2014PTC095143

Raki Avenues Pvt. Ltd.

Phone : 7093702337 Web : www.rakiavenues.com E-mail : info@rakiavenues.com

Date:.....

APPOINTMENT LETTER

Subject: Appointment Letter for the Management Trainee Position

Dear GODUGULURI VENKATA SRINIVAS,

Further to our Campus interview and subsequent discussions, we are pleased to offer you the position of **Management Trainee** in our organization **M/s RAKI Avenues Private Limited**. You are required to take over the role of a Management Trainee from 8th October, 2018.

You are being offered a salary of **Rs 18,000 Rupees only (Eighteen Thousand Rupees) per month** as a Management Trainee. You are directed to do your job chart properly and upto the satisfaction of the management. You will be on probation for a period of 1 Year during which you will be reviewed for the work handled and additional responsibilities undertaken depending on the situation. On successful completion of the 1 Year period, and based on your performance, you will be confirmed in the services being offered to our company as a Management Trainee with an appreciation as per the company standards. Please note that we do not provide any accommodation and will be provided with food (one-time meal (Lunch)).

The Company has appointed you on a contract for a period of Two years commencing from 8th October 2018 and ending on 8th October 2020 and to this end you need to sign a written contractual agreement with the company.

During the Probation Period or the Currency of Contractual agreement, if you wish to leave the services of our company for any reason, you need to pay the company two months' salary.

Please note that if we are not satisfied with your services offered, we will be constrained to terminate the services without any prior notice (or) explanation.

You need to send back a signed copy of this letter to our company at the earliest in order to indicate your acceptance of the job offer. On receipt of your acceptance letter, we will initiate processing of your employment contract papers which can be drafted by having a mutual discussion between you and our company head if necessary.

Please feel free to contact us for any clarifications or further information regarding your job offer.

NOTE: In the unlikely event of your leaving the services of our organisation, please ensure to submit your letter of resignation at our Head Office Rajahmundry to our General Manager.

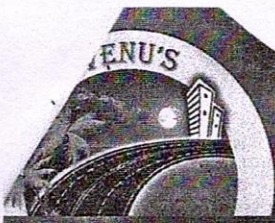
WELCOME TO RAKI FAMILY

For Raki Avenues Pvt. Ltd.

R.V. Srinivas
Managing Director

G. H. Srinivas
ACCEPTANCE SIGNATURE

G. H. Srinivas
PRINCIPAL
SRK Institute of Technology
ENIKEPADU, VIJAYAWADA-521 108



RAKI AVENUES Pvt. Ltd.

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D.No. 73-22-4/A, Behind GAIL Office, Balaramakrishnaraju Nagar,

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CIN : U70100AP2014PTC095143

Raki Avenues Pvt. Ltd.

Phone : 7093702337, Web : www.rakiavenues.com, E-mail : info@rakiavenues.com

APPOINTMENT LETTER

Date: 08/10/2018...

Subject: Appointment Letter for the Management Trainee Position

Dear KUPPAM CHANDANA,

Further to our Campus interview and subsequent discussions, we are pleased to offer you the position of **Management Trainee** in our organization **M/s RAKI Avenues Private Limited**. You are required to take over the role of a Management Trainee from 8th October, 2018.

You are being offered a salary of **Rs 18,000 Rupees only (Eighteen Thousand Rupees) per month** as a Management Trainee. You are directed to do your job chart properly and upto the satisfaction of the management. You will be on probation for a period of 1 Year during which you will be reviewed for the work handled and additional responsibilities undertaken depending on the situation. On successful completion of the 1 Year period, and based on your performance, you will be confirmed in the services being offered to our company as a Management Trainee with an appreciation as per the company standards. Please note that we do not provide any accommodation and will be provided with food (one-time meal (Lunch)).

The Company has appointed you on a contract for a period of Two years commencing from 8th **October 2018** and ending on 8th **October 2020** and to this end you need to sign a written contractual agreement with the company.

During the Probation Period or the Currency of Contractual agreement, if you wish to leave the services of our company for any reason, you need to pay the company two months' salary.

Please note that if we are not satisfied with your services offered, we will be constrained to terminate the services without any prior notice (or) explanation.

You need to send back a signed copy of this letter to our company at the earliest in order to indicate you acceptance of the job offer. On receipt of your acceptance letter, we will initiate processing of your employment contract papers which can be drafted by having a mutual discussion between you and our company head if necessary.

Please feel free to contact us for any clarifications or further information regarding your job offer.

NOTE: In the unlikely event of your leaving the services of our organisation, please ensure to submit your letter of resignation at our Head Office Rajahmundry to our General Manager.

WELCOME TO RAKI FAMILY

For Raki Avenues Pvt. Ltd.

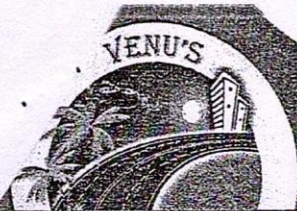
R.V.
Managing Director

k.chandana
ACCEPTANCE SIGNATURE

[Handwritten Signature]

PRINCIPAL

SRK Institute of Technology
ENIKEPADU, VIJAYAWADA-521 108



RAKI AVENUES Pvt. Ltd.

Corporate Office :

D.No. 73-22-4/A, Behind GAIL Office, Balaramakrishnaraju Nagar,

Near A. V. Apparao Road, RAJAMAHENDRAVARAM -533 103.

CIN : U70100AP2014PTC095143

Raki Avenues Pvt. Ltd.

Phone : 7093702337, Web : www.rakiavenues.com, E-mail : info@rakiavenues.com

Date:.....

APPOINTMENT LETTER

Subject: Appointment Letter for the Management Trainee Position

Dear **MORAM VENKATESH**,

Further to our Campus interview and subsequent discussions, we are pleased to offer you the position of **Management Trainee** in our organization **M/s RAKI Avenues Private Limited**. You are required to take over the role of a Management Trainee from 8th October, 2018.

You are being offered a salary of **Rs 18,000 Rupees only (Eighteen Thousand Rupees) per month** as a Management Trainee. You are directed to do your job chart properly and upto the satisfaction of the management. You will be on probation for a period of 1 Year during which you will be reviewed for the work handled and additional responsibilities undertaken depending on the situation. On successful completion of the 1 Year period, and based on your performance, you will be confirmed in the services being offered to our company as a Management Trainee with an appreciation as per the company standards. Please note that we do not provide any accommodation and will be provided with food (one-time meal (Lunch)).

The Company has appointed you on a contract for a period of Two years commencing from 8th **October 2018** and ending on 8th **October 2020** and to this end you need to sign a written contractual agreement with the company.

During the Probation Period or the Currency of Contractual agreement, if you wish to leave the services of our company for any reason, you need to pay the company two months' salary.

Please note that if we are not satisfied with your services offered, we will be constrained to terminate the services without any prior notice (or) explanation.

You need to send back a signed copy of this letter to our company at the earliest in order to indicate your acceptance of the job offer. On receipt of your acceptance letter, we will initiate processing of your employment contract papers which can be drafted by having a mutual discussion between you and our company head if necessary.

Please feel free to contact us for any clarifications or further information regarding your job offer.

NOTE: In the unlikely event of your leaving the services of our organisation, please ensure to submit your letter of resignation at our Head Office Rajahmundry to our General Manager.

WELCOME TO RAKI FAMILY

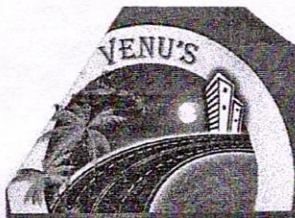
For Raki Avenues Pvt. Ltd.

R.V
Managing Director

H. Venkatesh
ACCEPTANCE SIGNATURE

Principal
PRINCIPAL

SRK Institute of Technology
P. N. T. ROAD, VIJAYAWADA-521 108



RAKI AVENUES Pvt. Ltd.

Corporate Office :

D.No. 73-22-4/A, Behind GAIL Office, Balaramakrishnaraju Nagar,

Near A. V. Apparao Road, RAJAMAHENDRAVARAM -533 103.

CIN : U70100AP2014PTC095143

Raki Avenues Pvt. Ltd.

Phone : 7093702337, Web : www.rakiavenues.com, E-mail : info@rakiavenues.com

Date:.....

APPOINTMENT LETTER

Subject: Appointment Letter for the Management Trainee Position

Dear VINUKONDA GOPINATH,

Further to our Campus interview and subsequent discussions, we are pleased to offer you the position of **Management Trainee** in our organization **M/s. RAKI Avenues Private Limited**. You are required to take over the role of a Management Trainee from 8th October, 2018.

You are being offered a salary of **Rs 18,000 Rupees only (Eighteen Thousand Rupees) per month** as a Management Trainee. You are directed to do your job chart properly and upto the satisfaction of the management. You will be on probation for a period of 1 Year during which you will be reviewed for the work handled and additional responsibilities undertaken depending on the situation. On successful completion of the 1 Year period, and based on your performance, you will be confirmed in the services being offered to our company as a Management Trainee with an appreciation as per the company standards. Please note that we do not provide any accommodation and will be provided with food (one-time meal (Lunch)).

The Company has appointed you on a contract for a period of Two years commencing from 8th October 2018 and ending on 8th October 2020 and to this end you need to sign a written contractual agreement with the company.

During the Probation Period or the Currency of Contractual agreement, if you wish to leave the services of our company for any reason, you need to pay the company two months' salary.

Please note that if we are not satisfied with your services offered, we will be constrained to terminate the services without any prior notice (or) explanation.

You need to send back a signed copy of this letter to our company at the earliest in order to indicate your acceptance of the job offer. On receipt of your acceptance letter, we will initiate processing of your employment contract papers which can be drafted by having a mutual discussion between you and our company head if necessary.

Please feel free to contact us for any clarifications or further information regarding your job offer.

NOTE: In the unlikely event of your leaving the services of our organisation, please ensure to submit your letter of resignation at our Head Office Rajahmundry to our General Manager.

WELCOME TO RAKI FAMILY

For Raki Avenues Pvt. Ltd.

R.V. Cie.
Managing Director

V. Gopinath
ACCEPTANCE SIGNATURE

[Signature]
PRINCIPAL
SRK Institute of Technology
EPADU, VIJAYAWADA-521 108

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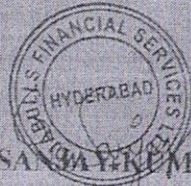
Indiabulls

Date: 28th July, 2018

CERTIFICATE

This is to certify that Mr. GESAVATH SAIF ALI KHAN a student of "S.R.K Institute of Technology" studying in the course of M.B.A bearing Roll No: 17X41E0018 successfully completed the project work on "Comparative Study on Mutual Funds" under our guidance for 30 days from 26th June, 2018 to 28th July, 2018.

This Project Report is purely for the purpose of his curriculum and award of degree.


G. SANJAY KUMAR
(Branch Manager)

Branch Name: 401 - 402, 4th Floor, Vijetha Classic Empire, Chaitanyapuri, Dilsukh Nagar, Hyd - 500 060 Ph: 040 - 40112233
Corporate Office: Indiabulls House, 448-451, Udyog Vihar, Phase V, Gurgaon-122001 (Haryana) Tel: +91 1243081166
Registered Office: F-60, Malhotra Building IIInd Floor, Connaught Place, Delhi - 110001 Tel: +91 1141527700 Fax: +91 1141529070


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ENIKEPADU, VIJAYAWADA-521 108



S.R.K. INSTITUTE OF TECHNOLOGY

DEPARTMENT OF BUSINESS ADMINISTRATION

(An ISO 9001-2008 Certified Institution, Approved by AICTE, Affiliated to JNTU-K)

Enikepadu, Vijayawada - 521 108

CERTIFICATE

This is to certify that the Major project entitled "A STUDY ON COMPARATIVE STUDY ON MUTUAL FUNDS WITH REFERENCE TO INDIA BULLS" is a bonafide work done by **GESAVATH. SAIF ALI KHAN** Registered No. 17X41E0018 under my guidance and supervision in partial fulfilment of the requirement for the award of degree of **Master of Business Administration** (Second Year admitted batch of 2018-19) in **S.R.K. Institute of Technology, Enikepadu, Vijayawada**, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted previously by any person for the degree of Master of Business Administration.

Mr. G. KIRAN

Asst. Professor & Project Guide

Mr. B.V.S.S. SUBBA RAO

Project Review Committee

External Examiner

Dr. N. SUBRAMANYAM

Professor & Head

Professor & Head

Department of Business Administration,

SRK Institute of Technology,

Affiliated to JNTU Kakinada

ENIKEPADU, VIJAYAWADA-521 108.

SRK Institute of Technology
ENIKEPADU, VIJAYAWADA-521 108



SRK INSTITUTE OF TECHNOLOGY
Enikepadu, Vijayawada 521108
Approved by AICTE, Affiliated to JNTUK, Kakinada
(ISO 9001:2015 Certified Institution)
Department of Computer Science and Engineering

Date: 09-03-2019

Name of the event: 54th CSI Foundation Day Celebration

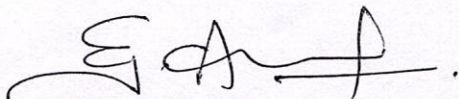
Date: 08-03-2019

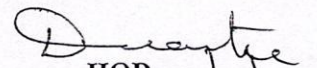
Venue: Seminar Hall, Ground Floor, SRKIT


REPORT

The CSE department of SRKIT in association with **Computer Society of India (CSI)** the inaugural of the event was followed by a technical talk on "Internet of Things-Demystified" by Mr Y.Manikanta, Project Manager, iB Hubs. The talk was informative and really went well with engaging brainstorming activities and active student participation. The participants were motivated to further learn these advanced technologies and implement them to build innovative solutions. The talk was followed by technical quiz and technical poster presentation competitions.

We extend our regards to Dr D.Haritha, HOD, Dept of CSE, and SRK Institute of Technology for bringing us together and for making us part of this event.


Coordinator


HOD 9/3/19


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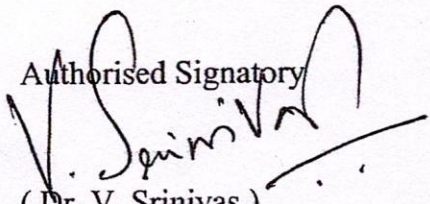
DT: 04-04-2019

INTERNSHIP ACCEPTANCE LETTER

With reference to your request letter for Internship in our company, We are accepting your request and given permission to the following from 08-04-2019 to 20-04-2019 (2 Weeks Duration).

| S.No | Name of the Student | Roll Number | Institution |
|------|---------------------|-------------|-----------------------------|
| 1. | B. Lakshman Kumar | 18X41E0004 | SRK INST OF TECHNOLOGY, VJA |
| 2. | G. Lokesh | 18X41E0013 | SRK INST OF TECHNOLOGY, VJA |

Authorised Signatory


(Dr. V. Srinivas)

CEO- Sai Swarna Hyundai.


PRINCIPAL

SRK Institute of Technology

SRK Institute of Technology, Vijayawada - 521 108

SAI SWARNA HYUNDAI

(A Unit of Sai Swarna Automobiles Pvt. Ltd.)

Beside HP CNG Petrol Bunk, Ramavarappadu Ring, VIJAYAWADA - 521 108.

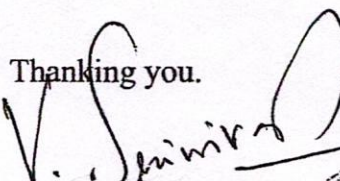
Tel : 0866 -2844123. Fax : 0866 - 2844777, E-mail : saiswarnahyundai@gmail.com

Date: 23/04/2019

TO WHOM SO EVER IT MAY CONCERN

This is to Certify that Mr. **B. LAKSHMAN KUMAR**, bearing Roll Number: **18X41E0004**, MBA Student of SRK Institute of Technology completed Internship in this company from **08/04/2019** to **20/04/2019** with duration of 2 Weeks. During the Period, the student shown the keen interest to learn the Marketing and Customer relationship strategies followed in our company. We wish him all the very best for his future endeavours.

Thanking you.


Authorised Signatory

(Dr. V. Srinivas)

CEO- Sai Swarna Hyundai.




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SRK Institute of Technology

NIKEPACU, VIJAYAWADA - 521 109

SAI SWARNA HYUNDAI

(A Unit of Sai Swarna Automobiles Pvt. Ltd.)

Beside HP CNG Petrol Bunk, Ramavarappadu Ring, VIJAYAWADA - 521 108.

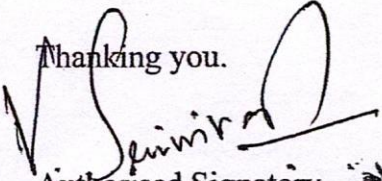
Tel : 0866 - 2844123. Fax : 0866 - 2844777, E-mail : saiswarnahyundai@gmail.com

Date: 23/04/2019

TO WHOM SO EVER IT MAY CONCERN

This is to Certify that Mr. **G. LOKESH**, bearing Roll Number: **18X41E0013**, MBA Student of SRK Institute of Technology completed Internship in this company from **08/04/2019 to 20/04/2019** with duration of 2 Weeks. During the Period, the student shown the keen interest to learn the Marketing and Customer relationship strategies followed in our company. We wish him all the very best for his future endeavours.

Thanking you.


Authorised Signatory*(Dr. V. Srinivas)*

CEO- Sai Swarna Hyundai.


PRINCIPALSRK Institute of Technology
THIRUPATI, VIJAYAWADA-521 108**SAI SWARNA HYUNDAI**

(A Unit of Sai Swarna Automobiles Pvt. Ltd.)

Beside HP CNG Petrol Bunk, Ramavarappadu Ring, VIJAYAWADA - 521 108.

Tel : 0866 -2844123. Fax : 0866 - 2844777, E-mail : saiswarnahyundai@gmail.com



Date: 05/01/2019

Program Report

Name of the Event: STAAD PRO, REVIT ARCHITECTURE, BUILDING ESTIMATION AND COSTING FOR INSTITUTION in Association with CADD Centre

Dates: 12/11/2018 to 03/01/2019

Timings: 03:00 PM to 05:00 PM

Duration: Eight week

Resource Person: 1) Mr. Latif
Trainer, CADD Centre, Vijayawada
Email: vijayawada@caddeskindia.com
Ph: 8143630333

Name of the Coordinator: Mr. K. Kiran, Asst Professor, Civil Engineering

Number of students participated: 31.

Program Objectives:

- **Analysis:** Element energy analysis of the Building; Improved structural analytical model; Duct & pipe estimations to API; Physical materials for performance analysis
- **Collaboration:** Work-sharing – several users save their work to a central file; collaboration on shared models across a Wide Area Network (WAN); work from remote locations using a local server.
- **Design:** Simpler to model, edit, and document designs of stairs & railings; parametric components - graphical system for design, shape making; HVAC/electrical design room colour-fill plans and communication of design intent, visually.
- **Visualization** for designing displaced building design views; enhancement of performance for visualization; capturing of drawing ideas in a photorealistic state, and reduction of project charge with cloud-based rendering.

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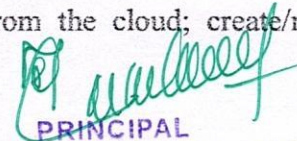


Topics Covered:

| Sl.No | Week | Duration | Topics Covered |
|-------|------|--------------------------|--|
| 1. | 1 | 12/11/2018 To 17/11/2018 | STAAD PRO -Overview of Structural Analysis and Design -Introduction to STAAD Pro. V8i - Getting Familiar with STAAD Pro. Workspace -Staad Editor - GUI -Structure Wizard - Creating a New Project and Units - Global Coordinate System Vs. Local Coordinate -Beta Angle - Introduction to File, Edit, View, Selection, Geometry, Commands, Analyse, Mode - Introduction to Snap Node/Beam - Insert Node and Add Beam - Translational Repeat - |
| 2. | 2 | 19/11/2018 To 24/11/2018 | Circular Repeat - Move -Rotate - Mirror - Member Offset -Connect Beam Along - Intersect, Merge, Break, Splits, Renumber and Stretch selected members - Introduction to Setup, Geometry, |
| 3. | 3 | 26/11/2018 To 01/12/2018 | General, Analysis/Print and Design - Assigning Properties -Assigning Supports - Group Specification - Assigning Load -Structure Analysis - Material Specification |
| 4. | 4 | 03/12/2018 To 08/12/2018 | REVIT :Building Information Modellingfor architectural, understanding Revit element hierarchy. |
| 5. | 5 | 10/12/2018 To 15/12/2018 | Revit Architecture user interface - The ribbon framework - Guidelines for using the interface - Using Common modification tools. |
| 6. | 6 | 17/12/2018 To 22/12/2018 | Building Estimation & Costing :Main items and their unit of measurement, methods of Measurement-Methods of estimating quantities, Estimating quantities of building. |
| 7. | 7 | 24/12/2018 To 29/12/2018 | Estimation of quantity of load bearing structure with single room & two rooms, Estimation of quantity single storied residential building, Estimation of quantity Different R.C.C. structures |
| 8. | 8 | 31/12/2018 To 03/01/2019 | Estimation of quantity of water supply and sanitary works, Estimation of quantity of culverts and bridges, Road estimating, Estimation of quantity of Trusses. |

Program Outcomes:

- Student will learn to develop higher-quality, more accurate architectural designs; use tools specifically built to support Building Information Modelling workflows.
- Students will learn to capture and analyse concepts, and maintain your vision through design, documentation, and construction.
- Students will learn to do building element energy analysis; use the API to perform pipe/duct calculations; perform static analysis from the cloud; create/manage the


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structural analytical model; automatically update your model with analysis results; and improve BIM-based building performance workflows.

- Student will learn to scan Revit model for collisions between elements; work with multiple users and save their work to a central file; collaborate on shared models across a WAN; streamline data management; and work from remote locations using a local server.
- Student will learn to dock dialogs in a single window; more easily model, edit, and document designs; place air terminal devices on duct faces; restrict angles for pipe, duct, and cable tray; cap open ends of pipe or duct content quickly; rebar placement constraints customization; gain control over rebar placement; and get more rebar options when modelling.
- Student will learn to crop non-rectangular model areas faster; easily manage elevation cut-line configuration; automatically display dimension values; annotate multiple elements with a single tag; define geometry and position for beams and braces; get greater control of schedule formatting; derive construction insight from design models; calculate/track detailed material quantities, display totals in current or load values, and create details from views of a 3D model.

K. R. An

PROGRAM COORDINATOR

T. Lakshmi
HOD-CE

Head of the Department & Professor,
Civil Engineering,
S.R.K. Institute of Technology,
Enikepadu, Vijayawada-521108.

Chandrasekar

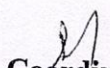
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ENIKEPADU, VIJAYAWADA-521108.



Date: 17-04-2019

PROGRAM REPORT

- Name of the Program** : Two day faculty training program on “Microchip Academy RTC Instructor Training”
- Date / Duration** : 15-04-2019 to 16-04-2019 (2 days)
- Resource Person** : Microchip academy, Trident ICT academy and Edivance
- Name of Coordinator** : Mr. B. Ravi, Assistant Professor, ECE.
- Program Objectives** : The objectives of this program are
- Participants know the Basics of different types of Arduino boards.
 - Participants has to write program for different applications
- Topics Covered** : The following topics were discussed in this workshop
- Basics of arduino and types of arduino
 - Different parts of arduino uno board
 - Programming with arduino.
- Program Outcome** : This online course is intended to the participants to acquire knowledge on arduino programming for different real time applications


Coordinator

S. SRI Gow
HOD/ Date

17/4/19


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SRK INSTITUTE OF TECHNOLOGY
 Enikepadu, Vijayawada 521108
 Department of Electronics and Communication
 Engineering
**FACULTY TRAINING CUM EFFECTIVENESS
 RECORD**

SRKIT / ECE / 29

Name: Shabeena Mohammad Designation: Asst. Professor

| Date of Training Done | Topic of Training | Signature of Faculty | Status of the effectiveness | Sign of Reporting HOD / Date |
|-----------------------|--|----------------------|-----------------------------|------------------------------|
| 08/06/18 | An Introduction to programming the IOT | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 26/3/19 |
| 01/09/18 | Embedded system(IOT) | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 26/3/19 |
| 22/08/19 | Arduino Programming & LABS | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 21/10/19 |
| 24/8/19 | Embedded systems using the ARM Mbed Platform | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 21/10/19 |
| 24/9/19 | FPGA Design & VHDL | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 21/10/19 |
| 17-20/4/19 | Microchip Academy RTC Instructor Training | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 21/10/19 |
| 4/4/2019 | NPTEL MP&MC | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 21/10/19 |
| 14 to 18/10/19 | Effective Teaching & Learning | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 21/10/19 |
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SRK INSTITUTE OF TECHNOLOGY
Enikepadu, Vijayawada 521108
Department of Electronics and Communication
Engineering
**FACULTY TRAINING CUM EFFECTIVENESS
RECORD**

SRKIT / ECE /

Name: S. Neeraja Designation: Asst. Professor

| Date of Training Done | Topic of Training | Signature of Faculty | Status of the effectiveness | Sign of Reporting HOD / Date |
|-----------------------|--|----------------------|-----------------------------|------------------------------|
| ✓ 01/09/18 | Embedded systems (IoT) | <i>S</i> | Good | <i>S</i> 28/9/19 |
| ✓ 17-20/4/19 | Microchip Academy RTC Instructor Training | <i>S</i> | Good | <i>S</i> 21/10/19 |
| ✓ 29/9/19 | Embedded systems using the ARM Mbed platform | <i>S</i> | Good | <i>S</i> 21/10/19 |
| ✓ 28/9/19 | Arduino Programming & Labs. | <i>S</i> | Good | <i>S</i> 21/10/19 |
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SRK INSTITUTE OF TECHNOLOGY

Enikepadu, Vijayawada 521108

Approved by AICTE, Affiliated to JNTUK, Kakinada

(ISO 9001:2015 Certified Institution)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 21-04-2019

PROGRAM REPORT

Name of the Program : Two day faculty training program on “Microchip Academy RTC Instructor Training on MCU using PIC 32”

Date / Duration : 17-04-2019 to 20-04-2019 (4 days)

Resource Person : Microchip academy, Trident ICT academy and Eduvance

Name of Coordinator : Mr. B. Ravi, Assistant Professor, ECE.

Program Objectives : The objectives of this program are

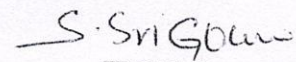
- Participants know the Basics of different types of Arduino boards.
- Participants has to write program for different applications

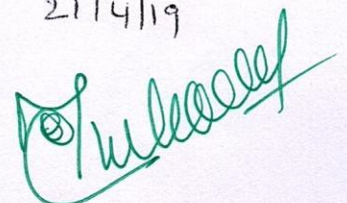
Topics Covered : The following topics were discussed in this workshop

- Basics of PIC microcontrollers
- Different parts of PIC 32 microcontroller board
- Programming with PIC 32 microcontroller

Program Outcome : This online course is intended to the participants to acquire knowledge on PIC 32 microcontroller programming for different real time applications


Coordinator


HOD/ Date
21/4/19



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ENIKEPADU, VIJAYAWADA-521 108.



Date: 18-09-2019

PROGRAM REPORT

Name of the Program : One day (4.5 hours) Online Course on “Embedded Systems using the ARM Mbed Platform”

Date / Duration : 13-09-2019 to 16-09-2019 (4.5 hours)

Resource Person : Microchip Certified Trainer, Microchip Academy,

Name of Coordinator : Mr. B. S. S. Tejesh, Assistant Professor, ECE.

Number of Participants: 40


Program Objectives : The objectives of this program are


- Student can write program in C language and Embedded C.
- Student can understand how to develop an Embedded System in real time

Topics Covered : The following topics were discussed in this workshop

- Programming Languages like C, C⁺⁺ and Embedded C
- ARM Processors
- Synthesis

Program Outcome : This course is focused on giving real world coding experience and hands on project work with ARM based microcontrollers. Student will learn how to implement software configuration management and develop embedded software applications.


Coordinator


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S. Sri Gow
HOD/ Date
18/9/19



Date: 04-09-2019

PROGRAM REPORT

Name of the Program : One day (3.5 hours) Online Course on “**Arduino Programming and labs**”

Date / Duration : 27-08-2019 to 31-08-2019 (3.5 hours)

Resource Person : Microchip Certified Trainer, Microchip Academy,

Name of Coordinator : Mr. B. S. S. Tejesh, Assistant Professor, ECE.

Number of Participants: 66

Program Objectives : The objectives of this program are

- Students to know the Basics of different types of Arduino boards.
- Student has to write program for different applications

Topics Covered : The following topics were discussed in this workshop

- Basics of arduino and types of arduino
- Different parts of arduino uno board
- Programming with arduino.

Program Outcome : This online course is intended to the students to acquire knowledge on arduino programming for different real time applications

Coordinator

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S. Sri Gow
HOD/ Date
4/9/19



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 12-09-2019

PROGRAM REPORT

Name of the Program : One day (3.5 hours) Online Course on “**Arduino Programming and labs**”

Date / Duration : 02-09-2019 to 07-09-2019 (3.5 hours)

Resource Person : Microchip Certified Trainer, Microchip Academy,

Name of Coordinator : Mr. B. S. S. Tejesh, Assistant Professor, ECE.

Number of Participants: 55

Program Objectives : The objectives of this program are

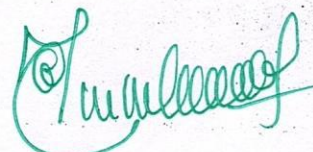
- Students to know the Basics of different types of Arduino boards.
- Student has to write program for different applications

Topics Covered : The following topics were discussed in this workshop

- Basics of arduino and types of arduino.
- Different parts of arduino uno board
- Programming with arduino.

Program Outcome : This online course is intended to the students to acquire knowledge on arduino programming for different real time applications


Coordinator



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S. Sri Gow
HOD/ Date
12/9/19



Date: 09-09-2019

PROGRAM REPORT

Name of the Program : One day (3.5 hours) Online Course on “**Arduino Programming and labs**”

Date / Duration : 27-08-2019 to 08-09-2019 (3.5 hours)

Resource Person : Microchip Certified Trainer, Microchip Academy,

Name of Coordinator : Mr. B. S. S. Tejesh, Assistant Professor, ECE.

Program Objectives : The objectives of this program are

- Participants to know the Basics of different types of Arduino boards.
- Participants has to write program for different applications

Topics Covered : The following topics were discussed in this workshop

- Basics of arduino and types of arduino
- Different parts of arduino uno board
- Programming with arduino.

Program Outcome : This online course is intended to the Participants to acquire knowledge on arduino programming for different real time applications


Coordinator


HOD/ Date

9/9/19



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Date: 16-09-2019

PROGRAM REPORT

Name of the Program : Two day workshop on “Arduino Programming”

Date / Duration : 12-09-2019 to 13-09-2019 (2 Days)

Resource Person : Mr. B. S. S. Tejesh, Assistant Professor, ECE, SRKIT.
Mrs. Md. Shabeena Begum, Assistant Professor, ECE, SRKIT.
Ms. S. Neeraja, Assistant Professor, ECE, SRKIT.

Name of Coordinator : Mr. P. Koteswara Rao, Assistant Professor, ECE.

Number of Participants: 60

Program Objectives : The objectives of this program are

- Introduce students to the fundamentals of arduino.
- Student has to understand interfacing of different I/O devices (sensors) with arduino.

Topics Covered : The following topics were discussed in this workshop

- Basics of arduino and types of arduino
- Different parts of arduino uno board
- Analog and Digital sensors
- Interfacing of sensors with arduino

Program Outcome : The workshop is intended to facilitate the students to acquire knowledge on Arduino board and how to interface I/O devices with arduino. This program will help the students to implement embedded system projects related to day to day life.

MCO
16/9/19
Coordinator


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S. Sri Gowd
HOD/Date
16/9/19




Date: 02-10-2019

PROGRAM REPORT

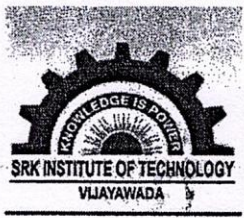
- Name of the Program** : One day (4.5 hours) Online Course on “**Embedded Systems using the ARM Mbed Platform**”
- Date / Duration** : 24-08-2019 to 30-09-2019 (4.5 hours)
- Resource Person** : Microchip Certified Trainer, Microchip Academy,
- Name of Coordinator** : Mr. B. S. S. Tejesh, Assistant Professor, ECE.
- Program Objectives** : The objectives of this program are
- Participants to know the Basics of different types of Arduino boards.
 - Participants has to write program for different applications
- Topics Covered** : The following topics were discussed in this workshop
- Basics of ARM processors
 - Different parts of ARM board
 - Programming with ARM Mbed platform
- Program Outcome** : This online course is intended to the Participants to acquire knowledge on Arm processor programming for different real time applications


Coordinator

S. Sri Gowd
HOD/ Date

 2/10/19

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SRK INSTITUTE OF TECHNOLOGY
 Enikepadu, Vijayawada 521108
 Department of Electronics and Communication
 Engineering
**FACULTY TRAINING CUM EFFECTIVENESS
 RECORD**

SRKIT / ECE / 29

Name: Shabeena..Mahammad..... Designation: Asst. Professor.....

| Date of Training Done | Topic of Training | Signature of Faculty | Status of the effectiveness | Sign of Reporting HOD / Date |
|-----------------------|--|----------------------|-----------------------------|------------------------------|
| 08/06/18 | An Introduction to programming the IOT | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 26/3/19 |
| 01/09/18 | Embedded system(IOT) | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 26/3/19 |
| 22/08/19 | Arduinos Programming & LAB | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 21/10/19 |
| 24/8/19 | Embedded systems using the ARM Mbed Platform | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 21/10/19 |
| 24/9/19 | FPGA Design & VHDL | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 21/10/19 |
| 17-20/4/19 | Microchip Academy RTC Instructor Training | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 21/10/19 |
| 4/4/2019 | NPTEL MP&MC | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 21/10/19 |
| 14 to 18/10/19 | Effective Teaching & Learning | <i>[Signature]</i> | Excellent | <i>[Signature]</i> 21/10/19 |
| | | | | |
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 PRINCIPAL



Date: 21-09-2019

PROGRAM REPORT

Name of the Program : One day (3.5 hours) Online Course on “**Arduino Programming and labs**”

Date / Duration : 19-09-2019 (3.5 hours)

Resource Person : Microchip Certified Trainer, Microchip Academy,

Name of Coordinator : Mr. B. S. S. Tejesh, Assistant Professor, ECE.

Number of Participants: 50

Program Objectives : The objectives of this program are

- Students to know the Basics of different types of Arduino boards.
- Student has to write program for different applications

Topics Covered : The following topics were discussed in this workshop

- Basics of arduino and types of arduino
- Different parts of arduino uno board
- Programming with arduino.

Program Outcome : This online course is intended to the students to acquire knowledge on arduino programming for different real time applications

Jh

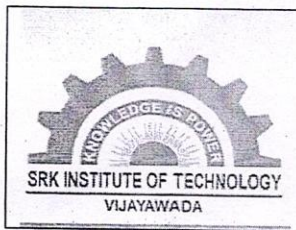
Coordinator

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ENIKEPADU, VIJAYAWADA-521 108.

S. Sri Gow
HOD/ Date

21/9/19



Date: 09-09-2019

PROGRAM REPORT

Name of the Program : Two day workshop on “Arduino Programming”

Date / Duration : 04-09-2019 to 05-09-2019 (2 Days)

Resource Person : Mr. B. S. S. Tejesh, Assistant Professor, ECE, SRKIT.
Mrs. Md. Shabeena Begum, Assistant Professor, ECE, SRKIT.
Ms. S. Neeraja, Assistant Professor, ECE, SRKIT.

Name of Coordinator : Mr. P. Koteswara Rao, Assistant Professor, ECE.

Number of Participants: 63

Program Objectives : The objectives of this program are

- Introduce students to the fundamentals of arduino.
- Student has to understand interfacing of different I/O devices (sensors) with arduino.

Topics Covered : The following topics were discussed in this workshop

- Basics of arduino and types of arduino
- Different parts of arduino uno board
- Analog and Digital sensors
- Interfacing of sensors with arduino

Program Outcome : The workshop is intended to facilitate the students to acquire knowledge on Arduino board and how to interface I/O devices with arduino. This program will help the students to implement embedded system projects related to day to day life.

W/CO 9/9/19
Coordinator

S. Sri Gow
HOD/ Date

9/9/2019

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Date: 18-09-2019

PROGRAM REPORT

Name of the Program : One day (4.5 hours) Online Course on “**Embedded Systems using the ARM Mbed Platform**”

Date / Duration : 09-09-2019 to 12-09-2019 (4.5 hours)

Resource Person : Microchip Certified Trainer, Microchip Academy,

Name of Coordinator : Mr. B. S. S. Tejesh, Assistant Professor, ECE.

Number of Participants: 30

Program Objectives : The objectives of this program are

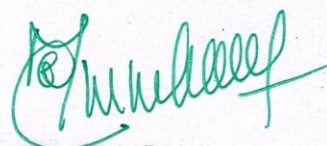
- Student can write program in C language and Embedded C.
- Student can understand how to develop an Embedded System in real time

Topics Covered : The following topics were discussed in this workshop

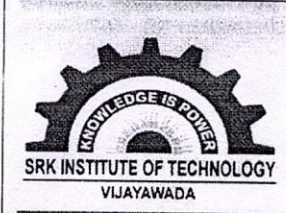
- Programming Languages like C, C⁺⁺ and Embedded C
- ARM Processors
- Synthesis

Program Outcome : This course is focused on giving real world coding experience and hands on project work with ARM based microcontrollers. Student will learn how to implement software configuration management and develop embedded software applications.


Coordinator


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S. SriGowri
HOD/ Date
18/9/19



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 21-09-2019

PROGRAM REPORT

Name of the Program : One day (3.5 hours) Online Course on “**Arduino Programming and labs**”

Date / Duration : 18-09-2019 (3.5 hours)

Resource Person : Microchip Certified Trainer, Microchip Academy,

Name of Coordinator : Mr. B. S. S. Tejesh, Assistant Professor, ECE.

Number of Participants: 41

Program Objectives : The objectives of this program are

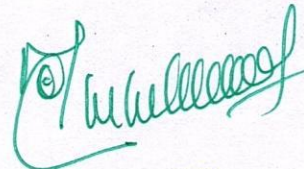
- Students to know the Basics of different types of Arduino boards.
- Student has to write program for different applications

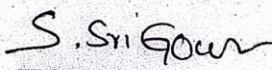
Topics Covered : The following topics were discussed in this workshop

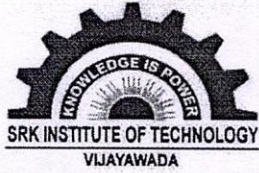
- Basics of arduino and types of arduino
- Different parts of arduino uno board
- Programming with arduino.

Program Outcome : This online course is intended to the students to acquire knowledge on arduino programming for different real time applications


Coordinator


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HOD/ Date
21/9/19



Date: 18-09-2019

PROGRAM REPORT

Name of the Program : One day (3.5 hours) Online Course on “**Arduino Programming and labs**”

Date / Duration : 11-09-2019 to 14-09-2019 (3.5 hours)

Resource Person : Microchip Certified Trainer, Microchip Academy,

Name of Coordinator : Mr. B. S. S. Tejesh, Assistant Professor, ECE.

Number of Participants: 46

Program Objectives : The objectives of this program are


- Students to know the Basics of different types of Arduino boards.
- Student has to write program for different applications

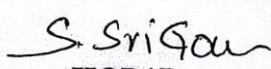
Topics Covered : The following topics were discussed in this workshop

- Basics of arduino and types of arduino
- Different parts of arduino uno board
- Programming with arduino.

Program Outcome : This online course is intended to the students to acquire knowledge on arduino programming for different real time applications


Coordinator


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S. Sri Gan
HOD/ Date
18/9/19

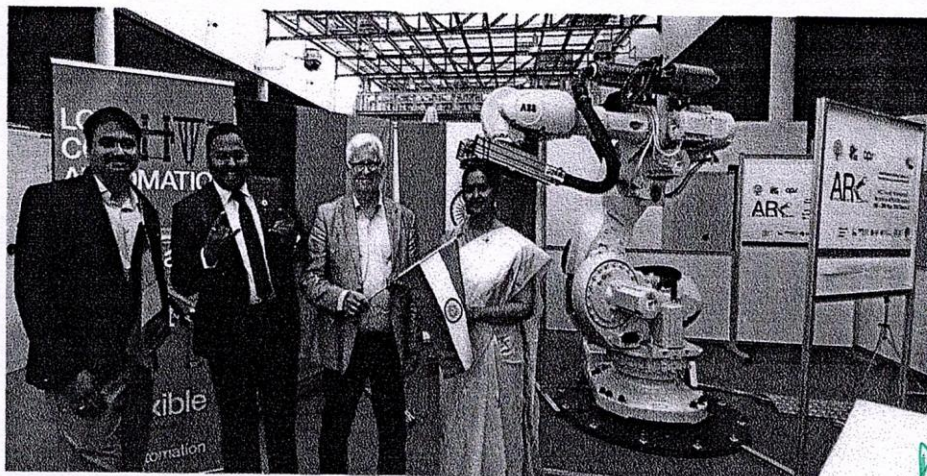
Date: 27-05-2019

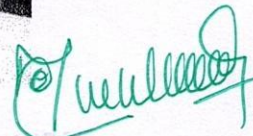
A Report on Ten-Day Advanced Robot Control Faculty Development Program

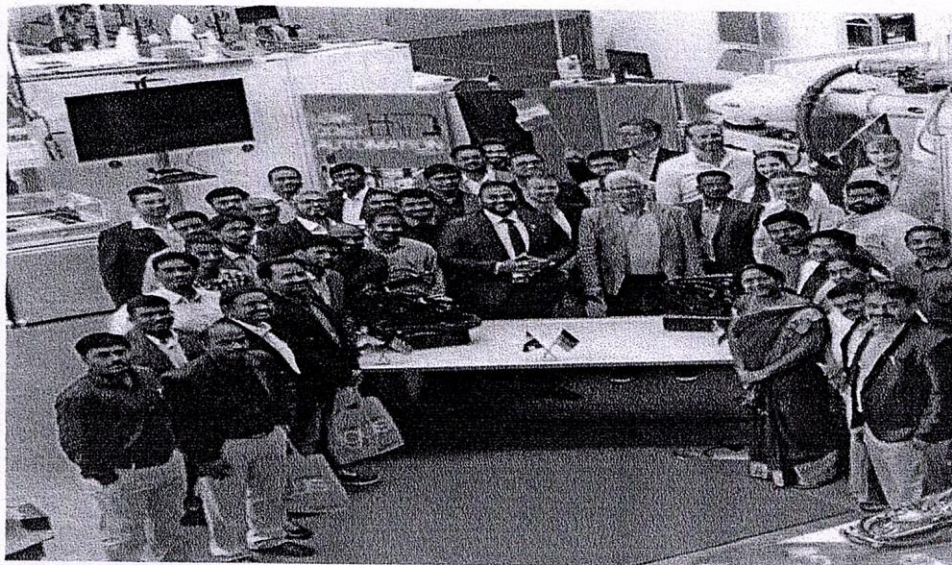
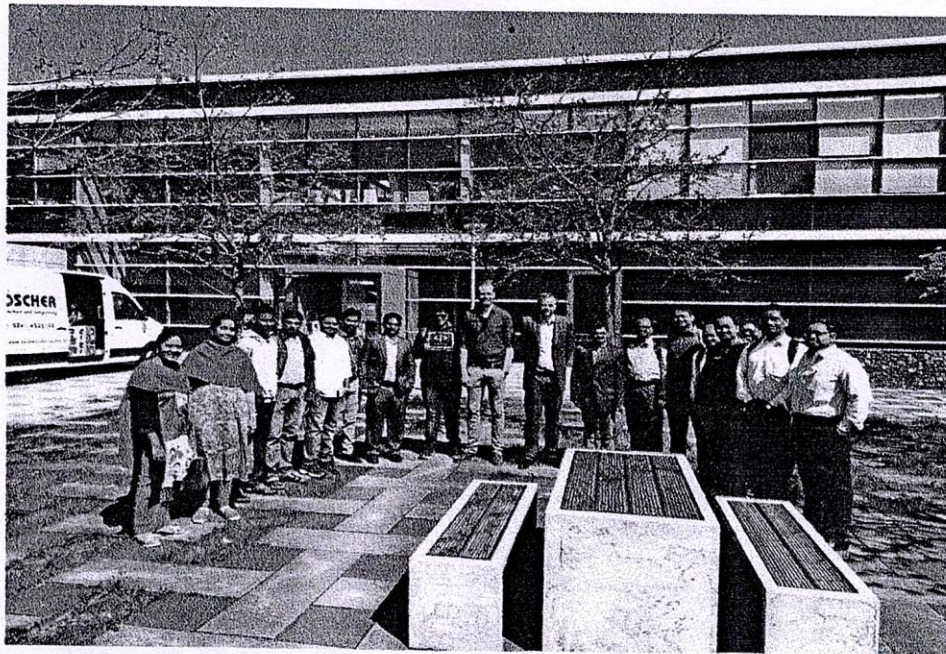
Andhra Pradesh State Skill Development Corporation -European Center for Mechatronics Convergence Training Center in association with Indo-European Skilling Centers for Mechatronics & Industrial Robotics and Applied Robot Control conducted Faculty Exchange Program at ECM-Convergence Training Centre, Aachen, Germany from 15-5-2019 to 24-5-2019. Ms. Y. Sri Lakshmi, Assistant Professor from Electronics and Communication Engineering from S.R.K. Institute of Technology has participated in this program.


ARC Training Programs are designed in collaboration with leading German Universities and Industrial Research experts. They provide innovative platforms for Distance Learning. The practical courses of ARC allow the students to access simulate and control real industrial robots. ARC platform integrates ABB Robot Technology, Computer- Server infrastructure a Robot Studio environment and webcams for Live Streaming. Powerful tools built by special software enable the r students to control the robots in German Laboratory. The Program ARC- I deals with industrial robot application, motion control, robot programming, distance sensing with SICK Laser sensor and in layout planning and simulation with Robot Studio. Faculty members are selected to this Program based on their professional record. Training is given both online, through webinars, supplementary materials, online quiz, assignments and onsite at the Laboratories in APS ECM, Aachen.

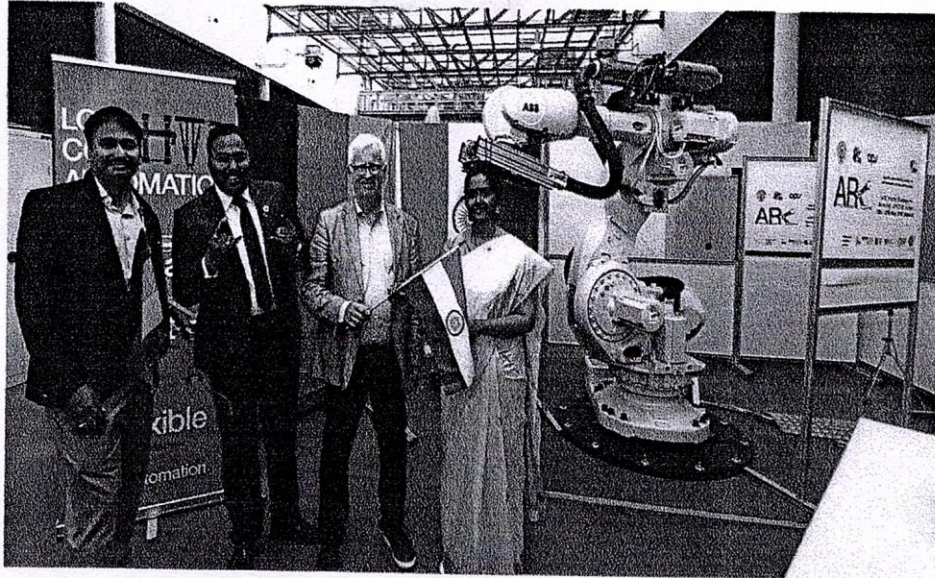
The first day was an Industrial Visit and the second day there was a presentation given by ARC. On the third day Applications of Industrial Robotics and Kinematic Calculations Use of DH-Transformations were taught. The next two days were devoted for self learning. The sixth day was used for learning practical applications of Application of DH-Transformation. The seventh day topics were Inverse Kinematic Calculations and its applications and Robot Online Programming with KUKA and ABB Robot. Differential Motion and Path Planning with Jacobian Matrix and Robot Online Programming with KUKA and ABB Robot were dealt with on eighth day. Robot Studio Training and Student Training coaching was given on ninth day. Final Assessment was done and Certificates were presented on tenth day.




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S. Sri Gowd
HOD
ECE Department

A. S. Reddy
HOD
Mechanical Department

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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 23-10-2019

Program Report

Name of the Event: A certificate program on "Applied Robot Control-ARC-1.0"

Date / Duration: 20-07-2019 to 1-10-2019.

Assessment Date: 21/10/2019

Resource Persons:

1. **Professor Starke**, German Center for Advanced Engineering and Management Studies.
2. **Mr. V Kranti Kumar**, Assistant Professor, Department of Mechanical Engineering, SRKIT.
3. **Mrs. V Sri Lakshmi**, Assistant professor Department of Electronic communication Engineering, SRKIT.

Name of Coordinator: Mr. V Kranti Kumar, Assistant Professor, Department of Mechanical Engineering, SRKIT.

Number of students Attended:

| S.No | Name of the Department | No of Students Enrolled |
|------|------------------------|-------------------------|
| 1 | ME | 26 |
| 2 | ECE | 10 |
| 3 | EEE | 2 |
| 4 | Total | 38 |

Number of students Completed:

| S.No | Name of the Department | No of Students completed |
|------|------------------------|--------------------------|
| 1 | ME | 23 |
| 2 | ECE | 10 |
| 3 | EEE | 2 |
| 4 | Total | 35 |

Objective of the Program: The objective of the course is to bring latest technologies in automation and manufacturing sectors to the labs of colleges. Firsthand experience on industrial robots for the

Page 1 of 3

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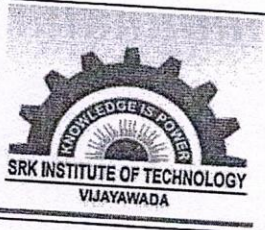


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students. Learning with industry-driven production Requirements. Real-time training to supplement students with skill on advanced technologies to make them stand out in global arena.

Topics Covered:

| S. No | Date | Topics covered | Mode |
|-------|------------|---|-------------|
| 1 | 22-07-2019 | Inaugural for the program | online |
| 2 | 25-07-2019 | Mechanics and kinematics | online |
| 3 | 26-07-2019 | Introduction to robots | Offline |
| 4 | 31-07-2019 | Mechanical structure and actuation | Offline |
| 5 | 13-08-2019 | Motion control and controller functions | Online |
| 6 | 14-08-2019 | End arm Tooling | Online |
| 7 | 20-08-2019 | Robot programming | Online |
| 8 | 22-08-2019 | Sensors and Adaptive functions | Online |
| 9 | 27-08-2019 | Robot Performance | Online |
| 10 | 28-08-2019 | Project: Pick and Place operations | Online |
| 11 | 30-08-2019 | Motion control | Offline |
| 12 | 02-09-2019 | Robot Control Programming | Offline |
| 13 | 03-09-2019 | Project: Commissioning & Palletizing | Online |
| 14 | 05-09-2019 | Project: Assembly of windshields | Online |
| 15 | 18-09-2019 | Kinematic Calculations & Differential Motion | Offline |
| 16 | 19-09-2019 | Kinematic Calculations & Differential Motion | Offline |
| 17 | 20-09-2019 | Selected Applications of Industrial Robots | Offline |
| 18 | 26-09-2019 | Practical Training- I | Offline |
| 19 | 27-09-2019 | Practical Training- II | Offline |
| 20 | 1-10-2019 | Project: ARC welding | Online |
| 21 | 10-10-2019 | ARC Platform for Remote Learning in Industrial Robotics | Offline |
| 22 | 21-10-2019 | Assessment | Online Test |



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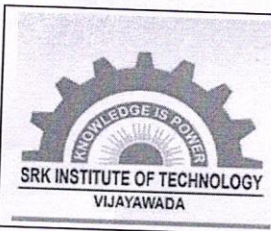
Outcome of Event:

At the end of the program Students had a hands-on working experience on IGUS robots for various industrial operations. At the end of the program students were assessed and Certificates were issued for the eligible candidates.

Program Coordinator

HOD/Date
23/10/19

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ENIKEPADU, VIJAYAWADA-521 108.



Date: 10-01-2020

PROGRAM REPORT

Name of the Event: A certificate program on “Applied Robot Control-ARC-2.0”

Date / Duration: 26-11-2019 to 19-12-2019.

Assessment Date: 09/01/2020

Resource Persons:

1. **Professor Starke**, German Center for Advanced Engineering and Management Studies.
2. **Mrs. V Sri Lakshmi**, Assistant professor Department of Electronic communication Engineering, SRKIT.
3. **Mr. M Hari Krishna**, Assistant Professor, Department of Mechanical Engineering, SRKIT.

Name of Coordinator: Mr. M Hari Krishna, Assistant Professor, Department of Mechanical Engineering, SRKIT.

Number of students Attended:


| S.No | Name of the Department | No of Students Participated |
|------|------------------------|-----------------------------|
| 1 | ME | 17 |
| 2 | ECE | 1 |
| 3 | Total | 18 |

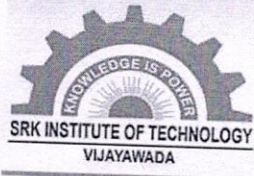
Number of students completed the course:

| S.No | Name of the Department | No of Students Participated |
|------|------------------------|-----------------------------|
| 1 | ME | 12 |
| 2 | ECE | 0 |
| 3 | Total | 12 |

Objective of the Program:

The objective of the course is to bring latest technologies in automation and manufacturing sectors to the labs of colleges. Firsthand experience on industrial robots for the students. Learning with industry-driven production Requirements. Real-time training to supplement students with skill on advanced technologies to make them stand out in global arena.


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Topics Covered:

| S. No | Date | Topics covered | Mode |
|-------|------------|---|---------|
| 1 | 26-11-2019 | IGUS Robots Referencing and calibration | Online |
| 2 | 28-11-2019 | Kinetic modelling link transformation | Online |
| 3 | 29-11-2019 | Introduction to IGUS Robot technology | Offline |
| 4 | 02-12-2019 | CPROG Controller Architecture, menu structure, commands, motion, basic functions; safety instructions | Offline |
| 5 | 03-12-2019 | Differential motion | Online |
| 6 | 04-12-2019 | Performance, Positioning accuracy and repeatability | Online |
| 7 | 06-12-2019 | CPROG Controller: Variables, Variables settings, calculation with variables, loops, logical functions, wait conditional | Offline |
| 8 | 09-12-2019 | End-arm Tooling: gripper technology, gripper control; magnetic gripper; vacuum gripper | Offline |
| 9 | 10-12-2019 | Control of robot working by PLC | Online |
| 10 | 11-12-2019 | PLC control of robot | Online |
| 11 | 12-12-2019 | PLC control of robot | Online |
| 12 | 13-12-2019 | Robot Programming: Program structures, motion planning, control of processes | Offline |
| 13 | 14-12-2019 | I/O & Communication: I/O data exchange, interfacing, CAN-Bus applications | Offline |
| 14 | 16-12-2019 | Modules 1,2,3 | Online |
| 15 | 16-12-2019 | Robot Applications-1: Pick and Place, sorting, selection, order allocation: commissioning | Offline |
| 16 | 17-12-2019 | Sensor controlled robots | Online |
| 17 | 18-12-2019 | Camara based robot control | Online |
| 18 | 18-12-2019 | Robot Application-2: Collaboration | offline |
| 19 | 19-12-2019 | IGUS robots EYE-in-Hand robot control | online |
| 20 | 09-01-2020 | Assessment | online |

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Outcome of Event:

At the end of the program Students had a hands-on working experience on IGUS robots for various industrial operations, Students were assessed, and Certificates were issued for the eligible candidates.

keishu
Program Coordinator

[Signature]
HOD

[Signature]

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(ISO 9001:2015 Certified Institution)

DEPARTMENT OF MECHANICAL ENGINEERING

Program Report

Date: 30-03-2019

Name of the Event: Two month certificate program on "Catia, Delmia & Simulia"

Date / Duration: 09-01-2019 to 27-03-2019

Resource Person:

Mr. Sivakoti Lakshman, Trainer, APSSDC – Dassault Systems, +91-7989036028

Name of Coordinator: Mr. G. Durga Prasad, Asst. Professor, Mechanical Engineering

Number of students Attended: 125

Objective of the Event:

- To enhance employability skill for Engineering Graduates in Research & Development technology implementation by imparting skills in Engineering Design in 3D Experience Platform, throughout for four year academic program.
- Students to implement innovative thoughts on 3D Experience platform for Product Development.
- Improve Students confidence levels by working in Domain's such as Aerospace, Automotive and off – shore Engineering.
- To impart fundamental knowledge to students in the latest technological topics on Catia, Delmia & Simulia and to prepare them for taking up further research in the areas.

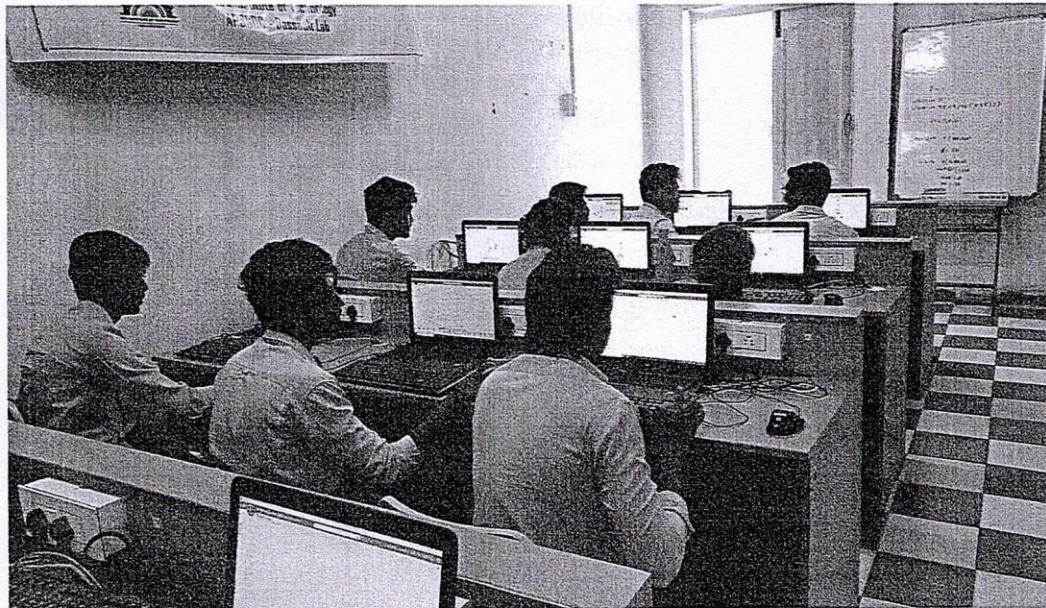
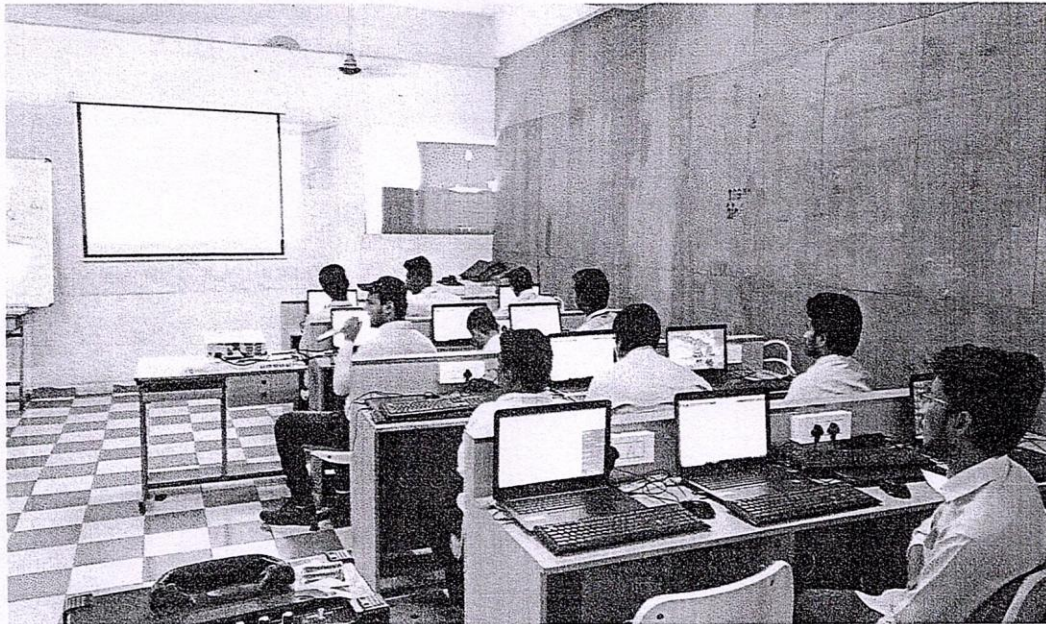
Topics Covered:

- Sketcher
- Part Design
- Assembly Design
- Drafting
- Generative Shape Design
- Delmia
- Simulia

Page 1 of 3

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Outcome of Event:

- Student can perform product designing, industrial designing and styling (optimize form, fit, & function and user experience), streamline 2D design, drafting, and documentation with powerful tools for layout, drawing, and 3D annotation.



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DEPARTMENT OF MECHANICAL ENGINEERING

- Student can handle assembly designing, sheet metal designing, and generative shape designing.
- Student can acquire good knowledge on Delmia and Simulia.

Program Coordinator

HOD/ Date

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Department of Computer Science and Engineering

Date: 01-07-2018

REPORT

Name of the workshop: **Artificial Intelligence and Deep Learning**

Duration: 28-06-2018 to 30-08-2018

Venue: SRKR Engineering College, Bhimavaram, AP

Faculty from the department of CSE attended a three day workshop on “**Artificial Intelligence and Deep Learning**” conducted at SRKR College of Engineering, Bhimavaram, A.P in association with Bennett University, Greater Noida.

Resource Persons are Dr. Deepak Garg and Dr. Sridhar swaminathan from Bennett University. Dr. Deepak conducted two days of sessions on Machine Learning and Deep Learning concepts like Convolution Neural Networks, Recurrent Neural Networks. On the last day of program Dr. Sridhar conducted a hands on session. NVIDIA Deep learning online lab was conducted on Image Classification with DIGITS, Object Detection with DIGITS, Neural Network Deployment with DIGITS and TensorRT.

The following faculty from SRKIT attended 3 day FDP.

1. Dr. D. Haritha, Professor and HOD, CSE
2. N. Sudhakar Reddy, Asst. Professor, CSE
3. Ch. Praneeth, Asst. Professor, CSE
4. M. V. Sumanth, Asst. Professor, CSE

Dr. D. Haritha
HOD 01/07/18

[Signature]
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Department of Computer Science and Engineering

Date: 26-12-2018

Name of the Program: Artificial Intelligence, Machine Learning and Deep Learning

Date: 22-12-18 to 24-12-18

Timings: 9:00am to 4:30pm

REPORT

The Dept of CSE of SRK Institute of Technology has organized a three day workshop on “**Artificial Intelligence, Machine Learning and Deep learning**” for the students and faculty of department of CSE, IT & MCA.

The Resource persons **Dr.Nikunj Tahilramani** who is a Assistant Professor in ICT Dept at Adani Institute of Infrastructure Engineering and **Mr.Mrudang Pandya** who is a Assistant Professor in IT department of CHARUSAT University explained about real time case studies in the field of AI, ML, DL. The students felt that the hands on session poured some awareness about how to identify different projects in ML, AI and Deep Learning. The total number of students trained for this workshop is 49.

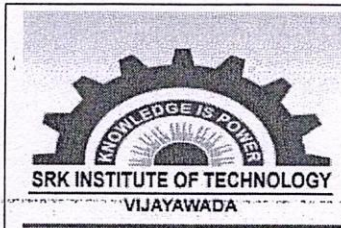
Coordinator

(Mr.N.Sudhakar Reddy)

HOD 26/12/18

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Department of Computer Science and Engineering

Program Report

Date: 22-10-2018

Name of the Program : "PCAP-Programming Essentials in Python"
Duration : 18-6-2018 to 13-10-2018
Teaching Instruction : 18-6-2018 to 14-7-2018
Resource Person : Mr.D.V.V. Brahmachari
Collaborating Agency : CISCO Networking Academy
Topics Covered :

Basics I: Writing simple programs, operators – data manipulation tools, variables – data shaped boxes, strings and numbers.

Basics II: Making decisions in Python, relational operators, conditions and conditional execution, the elif clause, Python's loops, logic and bit operations, lists – collections of data, sorting.

Basic III: Writing functions, arguments, returning a result from a function, functions and scopes, practising with designing and writing functions, tuples and dictionaries.

Intermediate I: Using modules, working with math, random and platform modules, errors and exceptions, characters and strings vs. computers, writing four simple programs.

Program Objective:

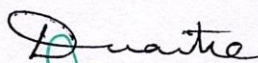

- The aim of the course is to familiarize the student with general computer programming concepts like conditional execution, loops, Python programming language syntax, semantics, and the runtime environment, as well as with general coding techniques and object-oriented programming.

Program Outcome:

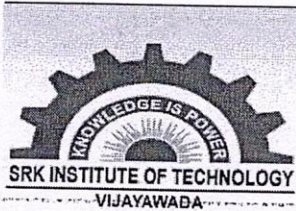
- Completing the course ensures that the student is fully acquainted with all the primary means provided by Python to enable to start own studies, and to open a path to the developer's career.

Number of students completed/enrolled: 99 / 134


Instructor


HOD

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Department of Computer Science and Engineering

Program Report

Date: 12-10-2018

Name of the Program : "CCNA Routing and Switching"
Module 1: "Introduction to Networks"

Duration : 25-6-2018 to 8-10-2018

Teaching Instruction : 25-6-2018 to 20-7-2018

Resource Person : Mr.G. Appa Rao
Mr.T. Ganesh Kumar

Collaborating Agency : CISCO Networking Academy

Topics Covered : 1.Networking Today
2. Basic switches and end devices Configuration
3. Protocols and Models 4. Physical Layer
5. Number System 6. Data link layer
7. Ethernet Switching 8. Network layer
9. IPv4 and IPv6 Addressing 10.ICMP
11. Transport Layer 12.Basic router configuration

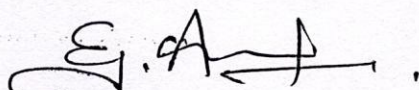
Program Objective:

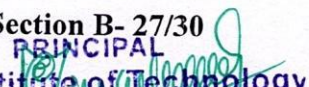
- Configure Switches and end devices to provide access to local and remote network resources.
- Create IPv4 and IPv6 Addressing schemes and verify the network connectivity between devices.

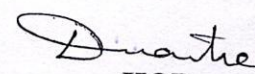
Program Outcome:

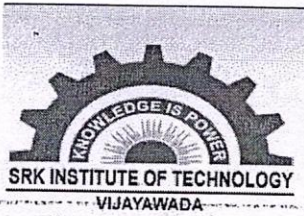
- After completion of the course the student will be able to manage Network for an Organization
- The students achieved the entry level CCNA to produce empowered students who can design, install, and maintain networks, and who will be successful in the job market.

Number of students completed/enrolled: Section A- 21/28


Instructor

Section B- 27/30
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HOD



Program Report

Date: 21-1-2019

Name of the Program : "CCNA Routing and Switching"
Module 2: "Routing and Switching Essentials"
Duration : 21-11-2018 to 10-1-2019
Teaching Instruction : 21-11-2018 to 14-12-2018
Resource Person : Mr.G. Appa Rao
Mr.T. Ganesh Kumar
Collaborating Agency : CISCO Networking Academy
Topics Covered : 1.Networking Today
2.Basic switches and end devices Configuration
3.Protocols and Models 4. Physical Layer
5. Number System 6. Data link layer
7. Ethernet Switching 8. Network layer
9. IPv4 and IPv6 Addressing 10.ICMP
11.Transport Layer 12.Basic router configuration

Program Objective:

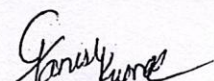
- Configure Switches and end devices to provide access to local and remote network resources.
- Create IPv4 and IPv6 Addressing schemes and verify the network connectivity between devices.

Program Outcome:

- After completion of the course the student will be able to manage Network for an Organization
- The students achieved the entry level CCNA to produce empowered students who can design, install, and maintain networks, and who will be successful in the job market.

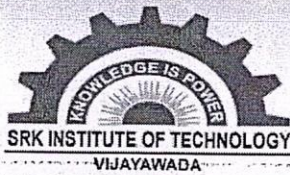
Number of students completed/enrolled: Section A- 21/ 28

Section B- 27/ 29


Instructor


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Department of Computer Science and Engineering

Program Report

Date: 20-1-2020

Name of the Program : "CCNA Routing and Switching"
Module 3: "Scaling Networks"

Duration : 21-4-2019 to 10-1-2020

Teaching Instruction : 29-4-2019 to 13-05-2019 & 14-6-2019 to 6-7-2019

Resource Person : Mr.G. Appa Rao
Mr.T. Ganesh Kumar

Collaborating Agency : CISCO Networking Academy

Topics Covered : 1.Architecture, Components and Operations of routers
2.Switches in large and more computer networks.

Program Objective:

- Configure and troubleshoot routers and switches.
- Resolve common issues with OSPF, EIGRP, STP and VTP in IPv4 and IPv6.

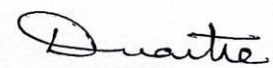
Program Outcome:

- After completion of the course the student will be able to manage Network for an Organization
- The students achieved the entry level CCNA to produce empowered students who can design, install, and maintain networks, and who will be successful in the job market.

Number of students completed/enrolled: Section A- 14 / 28

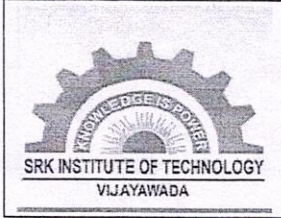
Section B- 23 / 27


Instructor


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Department of Computer Science and Engineering

Date: 25-09-2018

Name of the event: Women Rock IT

Date: 25-09-2018

Venue: CSE Seminar Hall, SRKIT

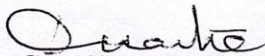
REPORT

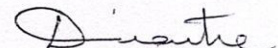
The CSE department of SRKIT in association with CISCO Networking Academy organized a one-day seminar on 'Women Rock IT', which highlights the role of women working in Information Technology domain across the world.

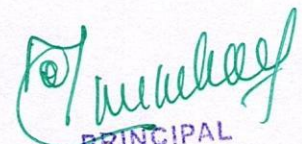
A Gujarat based research institute ESF labs **R Lakshmi Prasanna Sai** and **R.Haritha Priya** took part in the programme and addressed the gathering. Addressing the students, Lakshmi Prasanna highlighted various personality traits that women need to develop to stay strong in the IT industry. She explored the fundamental qualities and habits to be inculcated by the women to manage both personal and professional life. R.Haritha Priya focused on the recent changes in the software industry, job role changes in the software industry, job role changes and updates in the software technologies. Total 176 students from CSE and MCA departments attended for this workshop.

Dr M Ekambaram Naidu, college principal, said students should learn the emerging technologies to be perfect software professional.

Dr.D.Haritha, HOD of CSE department coordinated the event.


Coordinator


HOD


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Program Report

Date: 20-11-2018

Name of the Program : **“PROGRAMMING ESSENTIALS IN C”**
Duration : 23-07-2018 to 18-11-2018
Teaching Instruction : 20-07-2018 to 15-11-2018
Resource Person : Mr. MACHANURU SURESH BABU
Collaborating Agency : CISCO Networking Academy
Topics Covered :

CURRICULUM OBJECTIVES:

The aim of the course is to:


- Familiarize the student with the universal concepts of computer programming,
- Present the syntax, semantics and basic data types of the C language,
- discuss the customs and vocabulary of the C language, including the most common library functions and the usage of the pre-processor
- Align the course to the C++ Institute CLA C Programming Language Certified Associate certification.
- During the course, students will study the following objectives:
 - Introduction to compiling and software development,
 - Basic scalar data types and their operators, Flow control,
 - Complex data types: arrays, structures and pointers,
 - Memory management,
 - Functions,
 - Files and streams,
 - Structuring the code: functions and modules,
 - Pre-processor directives and complex declarations.

CURRICULUM DESCRIPTION:

The CLA Programming Essentials in C course covers all the basics of programming in C, as well as general computer programming concepts and techniques. The course also familiarizes the student with the object-oriented approach.

COURSE DESIGN:

The course is broken down into 9 modules:


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Program Report

Date: 21-12-2018

Name of the Program : **"PROGRAMMING ESSENTIALS IN PYTHON"**
Duration : 20-11-2018 to 20-12-2018
Teaching Instruction : 20-11-2018 to 10-12-2018
Resource Person : Mr. MACHANURU SURESH BABU
Collaborating Agency : CISCO Networking Academy
Topics Covered :

CURRICULUM OBJECTIVES:

The aim of the course is to:

- Familiarize the student with the universal concepts of computer programming.
- Present the Python programming language syntax, semantics, and the runtime environment.
- Acquaint the student with general coding techniques and object-oriented programming.
- Enable the student to start her/his own studies, and to open a path to the developer's career.

CURRICULUM DESCRIPTION:

The PCAP Programming Essentials in Python course covers all the basics of programming in Python, as well as general computer programming concepts and techniques. The course also familiarizes the student with the object-oriented approach.

COURSE DESIGN:

The course is broken down into 5 modules (+ one optional module):

Module 1:

Familiarize the student with the basic methods offered by Python of formatting and outputting data, together with the primary kinds of data and numerical operators, their mutual relationships and binding. Introduce the concept of variables and variable naming conventions. Present the assignment operator, along with the rules governing the building of expressions. Introduce the inputting and converting of data.

Module 2:

Familiarize the student with the concept of Boolean values, in order to compare difference values and control the execution paths using the if and if-else instructions. Introduce the utilization of loops (while and for) and how to control their behavior using the break and continue instructions. Present the difference between logical and bitwise operations. Acquaint the student with the concept of lists and list processing, including the iteration provided by the for loop, and slicing. Explain the idea of multi-dimensional arrays.

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Module 3:

Acquaint the student with the defining and using of functions – their rationale, purpose, conventions, and traps. Present the concept of passing arguments in different ways and setting their default values, along with the mechanisms of returning the function's results. Explain name scope issues. Introduce new data aggregates: tuples and dictionaries, and show their role in data processing.

Module 4:

Familiarize the student with Python modules: their rationale, function, how to import them in different ways, and present the content of some standard modules provided by Python. Present the way in which modules are coupled together to make packages. Acquaint the student with the concept of an exception and Python's implementation of it, including the try-except instruction, with its applications, and the raise instruction. Introduce strings and their specific methods, together with their similarities and differences compared to lists.

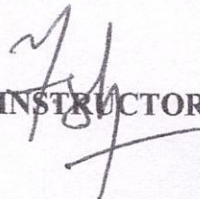
Module 5:

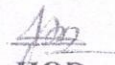
Acquaint the student with the fundamentals of OOP (Object Oriented Programming) and the way they are adopted in Python, showing the difference between OOP and the classical, procedural approach. Present the standard objective features: inheritance, abstraction, encapsulation, and polymorphism, along with Python-specific issues like instance vs. class variables, and Python's implementation of inheritance. Exceptions are discussed again in a more detailed way, showing their objective nature. Familiarize the student with Python's generators (the yield instruction) and closures (the lambda keyword). Demonstrate the means Python developers can use to process (create, read, and write) files.

PROGRAM OUTCOME:

Complete the course ensures that students is fully acquainted with all the primary means provided by python to enable to start own studies, and to open a path to the developer's career.

Number of students completed/enrolled: 35/92


INSTRUCTOR


HOD


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Department of Master of Computer Applications

Date: 04-06-2019

Report

Name of the Program: "Machine Learning".

Date: 06-05-2019 to 02-06-2019

Timings: 09:00 AM to 4:30 PM

The students of III MCA attended the internship program from 06-05-2019 to 02-06-2019 at NecX Private Limited, Hyderabad. The students learn Machine Learning algorithms and they got hands on experience how to do real time analytics and successfully completed the internship program and received certificates.

M. S. S. S.

Program Coordinator

D. S. S. S.

HOD/Date 04/06/19.

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Department of Master of Computer Applications

Academic Year: 2018-2019

Year/ Sem: II / IV

List of Students completed Summer Internship Program on "Machine Learning".

| S.NO | ROLL NUMBER | NAME OF THE STUDENT |
|------|-------------|-------------------------|
| 1 | 17X41F0009 | Choppavarapu Maheswari |
| 2 | 17X41F0017 | Nalam Manasa |
| 3 | 17X41F0021 | Polavarapu Bala Kishore |
| 4 | 17X41F0027 | Somarapati Haseena |

H. Antle
Program Coordinator

D. Sankar
HOD

[Signature]
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 20-08-2018

Program Report

Name of the Program: Programmable Logic Controller Fundamentals

Date/Duration: 16-08-2018 to 18-08- 2018(3 Days)

Time: 9:00AM to 4:30PM

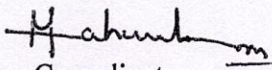
Resource Person : Mr. Y.Madhu Vamsi, Technical Trainee APSSDC

Name of Coordinator : Mrs. T.V.Maha Lakshmi Assistant Professor, EEE.

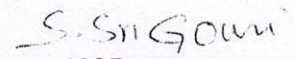
Number of Participants: 70

The Department of Electrical and Electronics Engineering of SRK Institute of Technology has organized a Three days workshop on “**Programmable Logic Controller Fundamentals**”. In this workshop the resource person **Mr.Y.Madhu Vamsi**, Technical Trainee, APSSDC has taught the students about basic fundamentals of PLC.

Outcome of the event: Student has gained knowledge in PLC fundamentals.

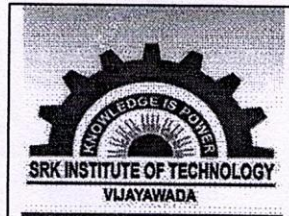

Co-ordinator

(Mrs. T.V.Maha Lakshmi)


HOD



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 23-08-2018

PROGRAM REPORT

Name of the Program : one week workshop on "Programmable Logic Controller Design"

Date : 16-08-2018 to 22-08-2018

Resource Person : Mr. Y. Madhu Vamsi, APSSDC Technical Trainee

Name of Coordinator : Mrs. T.V.Maha Lakshmi, Assistant Professor, EEE.

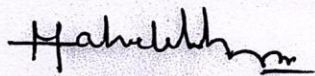
Number of Participants: 06

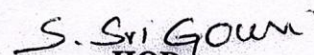
Program Objectives : The objective of this program is to understand PLC Design

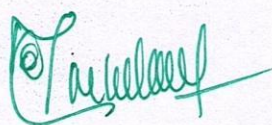
Topics Covered : The following topics were discussed in this workshop

- PLC fundamentals
- PLC Advanced

Program Outcome : Faculty has gained knowledge about the basic concepts of programmable Logic Controller using Delta software and also learnt about interfacing hardware and software coding.


Coordinator


HOD


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Date: 23/08/2018

Program Report

Name of the Event: Auto Cad Certification Program in Association with APSSDC

Date / Duration: One month

Resource Person: Ms. M. Pravallika
Trainer cum Developer, APSSDC
Email: pravallika_m@apssdc.in
Ph: 8125375128.

Name of the Coordinator: Mr. K. Chandra Padmakar, Assistant Professor, SRKIT

Number of students participated: 30.

Program Objectives:

- Increase ability to communicate with people.
- Learn to sketch and take field dimensions.
- Learn to take data and transform it into graphic drawings.
- Learn basic Auto Cad skills.
- Learn basic engineering drawing formats.
- Prepare the student for future Engineering positions.

Topics Covered:

| Sl.No | Week | Duration | Topics Covered |
|-------|------|-------------------------|---|
| 1 | 1 | 18/07/18 to 21/07/18 | Introduction to cad, User interface |
| 2 | | | Draw Tools, advanced draw tolls, properties tab |
| 3 | 2 | 23/07/18 to 28/07/18 | Modify tools, advanced modify tools |
| 4 | | | Annotation & text editing |
| 5 | 3 | 30/07/18 to 04/08/18 | Insert tab, view tab |
| 6 | | | Parametric tab, group, utilities |
| 7 | 4 | 06/08/18 to 11/08/18 | Creation of plan by using layers |
| 8 | | | Section, Elevation |
| 9 | 5 | 13/08/18 to 18/08/18 | Beam layout, column layout-with detailing |
| 10 | | | Footing layout –with detailing |
| 11 | | | title block creation |

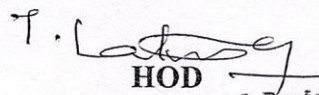
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Program Outcomes:

- Demonstrate basic concepts of the AutoCAD software.
- Apply basic concepts to develop construction (drawing) techniques.
- Ability to manipulate drawings through editing and plotting techniques.
- Understand geometric construction.
- Produce template drawings.
- Produce 2D Orthographic Projections.
- Understand and demonstrate dimensioning concepts and techniques.
- Understand Section and Auxiliary Views
- Become familiar with the use of Blocks, Design Centre, and Tool Palettes


COORDINATOR


HOD
Head of the Department & Professor
Civil Engineering,
S.R.K. Institute of Technology
Enikepadu, Vijayawada-521108


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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 23-08-2018

Program Report

Name of the Program: Programmable Logic Controller Advanced

Date/Duration: 20-08-2018 to 22-08- 2018(3 Days)

Time: 9:00AM to 4:30PM

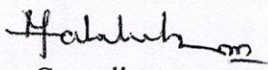
Resource Person : Mr. Y.Madhu Vamsi, Technical Trainee APSSDC

Name of Coordinator : Mrs. T.V.Maha Lakshmi Assistant Professor, EEE.

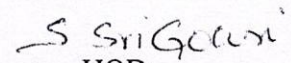
Number of Participants: 70

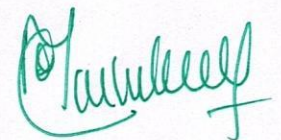
The Department of Electrical and Electronics Engineering of SRK Institute of Technology has organized a Three days workshop on “**Programmable Logic Controller Advanced**”. In this workshop the resource person **Mr.Y.Madhu Vamsi**, Technical Trainee, APSSDC has taught the students about the coding using Delta software in PLC Advanced.

Outcome of the event: Students has learnt about how to interface the hardware and their software coding for different applications in **PLC**.


Co-ordinator

(Mrs. T.V.Maha Lakshmi)


HOD



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Date: 11-08-2018

PROGRAM REPORT

Name of the Program : Three day workshop on “Scilab”
Date / Duration : 07-08-2018 to 09-08-2018 (3 Days)
Resource Person : Mr. R. Sivaranganayakulu, APSSDC Trainer, 9640494680
Name of Coordinator : Mrs. A. V. P. Sarvari, Assistant Professor, ECE.
Number of Participants: 93

Program Objectives : The objectives of this program are

- Students are able to do programming with Scilab.
- Student can understand signal processing methods

Topics Covered : The following topics were discussed in this workshop

- Scilab Wavelet Toolbox
- Scilab Signal Processing Toolbox

Program Outcome : This course will introduce students to basic concepts of scientific programming using Scilab. By the end of this course, Student will be in a position to write a simple scientific program in Scilab. Through this course student will also come to know how knowledge of physics and mathematics is transformed into a computer program.

A.V.P. Sarvari
Coordinator

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S. Sii Gowri
HOD/ Date
11/8/2018



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 03-09-2018

PROGRAM REPORT

Name of the Program : Three day workshop on "Embedded Systems(IOT)"

Date / Duration : 30-08-2018 to 01-09-2018 (3 Days)

Resource Person : Ms. M. Madevi, APSSDC Trainer, Mobile No - 9848916931
Ms. M. Jyoshitha, APSSDC Trainer, Mobile No - 7032362864

Name of Coordinator : Mrs. Md. Shabeena Begum, Assistant Professor, ECE.

Program Objectives : The objectives of this program are

- Faculty can write program in C language and Embedded C.
- Faculty can understand how to develop an embedded system in real time

Topics Covered : The following topics were discussed in this workshop

- Programming Languages like C, C⁺⁺ and Embedded C
- ARM Processors
- Synthesis


Program Outcome : This course is focused on giving real world coding experience and hands on project work with ARM based microcontrollers. Participants will learn how to implement software configuration management and develop embedded software applications.

md shabeena
Coordinator

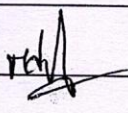
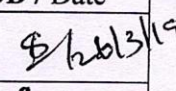
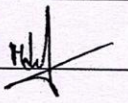
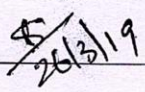

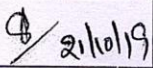

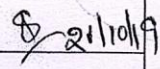

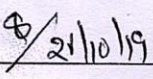

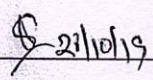

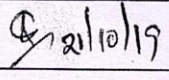

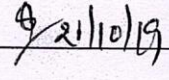
S. Sri Gow
HOD/ Date

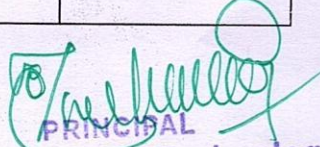
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|---|--|------------------|--|
|  | SRK INSTITUTE OF TECHNOLOGY Enikepada, Vijayawada 521108 Department of Electronics and Communication Engineering | SRKIT / ECE / 29 | |
| | FACULTY TRAINING CUM EFFECTIVENESS RECORD | | |
| | | | |

Name: Shabeena Mohammad Designation: Asst. Professor

| Date of Training Done | Topic of Training | Signature of Faculty | Status of the effectiveness | Sign of Reporting HOD / Date |
|-----------------------|--|---|-----------------------------|---|
| 08/06/18 | An Introduction to programming the IOT |  | Excellent |  26/3/19 |
| 01/09/18 | Embedded system(IOT) |  | Excellent |  26/3/19 |
| 22/08/19 | Arduinos Programming & IASJ |  | Excellent |  21/10/19 |
| 24/8/19 | Embedded systems using the ARM Mbed Platform |  | Excellent |  21/10/19 |
| 24/9/19 | FPGA Design & VHDL |  | Excellent |  21/10/19 |
| 17-20/4/19 | Microchip Academy RTC Instruction Training |  | Excellent |  21/10/19 |
| 4/4/2019 | NPTEL - MP&MC |  | Excellent |  21/10/19 |
| 14 to 18/10/19 | Effective Teaching & Learning |  | Excellent |  21/10/19 |
| | | | | |
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 PRINCIPAL



Date: 03-09-2018

PROGRAM REPORT

Name of the Program : Three day workshop on "Embedded Systems"

Date / Duration : 30-08-2018 to 01-09-2018 (3 Days)

Resource Person : Ms. M. Madevi, APSSDC Trainer, Mobile No - 9848916931
Ms. M. Jyoshitha, APSSDC Trainer, Mobile No - 7032362864

Name of Coordinator : Mrs. Md. Shabeena Begum, Assistant Professor, ECE.

Number of Participants: 107

Program Objectives : The objectives of this program are

- Student can write program in C language and Embedded C.
- Student can understand how to develop an embedded system in real time

Topics Covered : The following topics were discussed in this workshop

- Programming Languages like C, C++ and Embedded C
- ARM Processors
- Synthesis

Program Outcome : This course is focused on giving real world coding experience and hands on project work with ARM based microcontrollers. Student will learn how to implement software configuration management and develop embedded software applications.

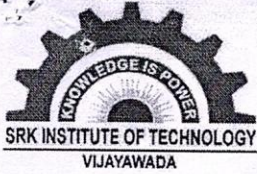
Md. Shabeena
Coordinator

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S. Sri Gow
HOD/ Date

31/9/18



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 03-12-2018

PROGRAM REPORT

Name of the Program : Six day workshop on “Engineering Orientation Program”

Date / Duration : 26-11-2018 to 01-12-2018.

Resource Person : Mr.Jagan Mohan, Sr.Software Developer, APSSDC.

Number of Participants: 108

Program Objectives : The objectives of this program are

- Learn more about student academic program
- Schedule student first set of classes
- Meet faculty, advisors, and current SRKIT students

Topics Covered : The following topics were discussed in this workshop

- Essentials of Electronics in daily life
- Recent trends in Telecommunication

Program Outcome : This workshop is intended to the students to acquire knowledge on Electronics and Telecom for different real time applications.

A.P. Saevale
Coordinator

S. Sri Gowri
HOD ECE

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Department of Computer Science and Engineering

Date: 21-08-2018

REPORT

Name of the Program: "Google Android Developer Fundamentals", Phase I & II

Date: 13-8-18 to 20-8-18

Timing: 9:00AM to 4:30PM

Resource Person: Ms.M.Sravanthi, Technical trainer, APSSDC. Ph No: 9908698221

Name of the Coordinator: Mrs.A.Radhika, Sr.Assistant Professor.

Number of Participants: 59

The Department of CSE conducted program on "Google Android Developer Fundamentals", Phase I & II from 13-8-18 to 20-8-18 at APSSDC Lab, First Floor during 9:00AM to 4:30PM

On the first day, program was inaugurated by the Dr.D.Haritha, HOD of CSE with a motivational talk on importance of Android App Development and learning these kinds of tools will help the students to do real time applications and this could help them to do a project in their final year. After the speech of HOD, the classes were conducted as per the schedule given.

On the last day of the program few aspirants gave their feedback on how the training sessions helped them in improving their programming skills. Finally, the program was concluded with a vote of thanks by student representatives.

Objective:

- This course is primarily designed for beginners and experienced programmers who want to learn how to create applications in Android. Starts from Java Essentials for Android and cover all that to develop professional Android Apps.

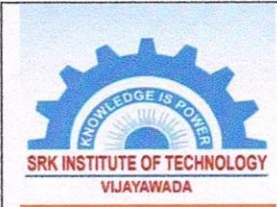
Outcome of Event:

- In Phase I, students learn how to install android studio and basic ideas about how to design and code the apps and done some basic assignments on their own.
- In phase II, students learnt the advanced concepts of android and many in build packages its usage and importance
- At the end of the workshop students are able to do small apps of their own interest.

Radhika
Program Coordinator

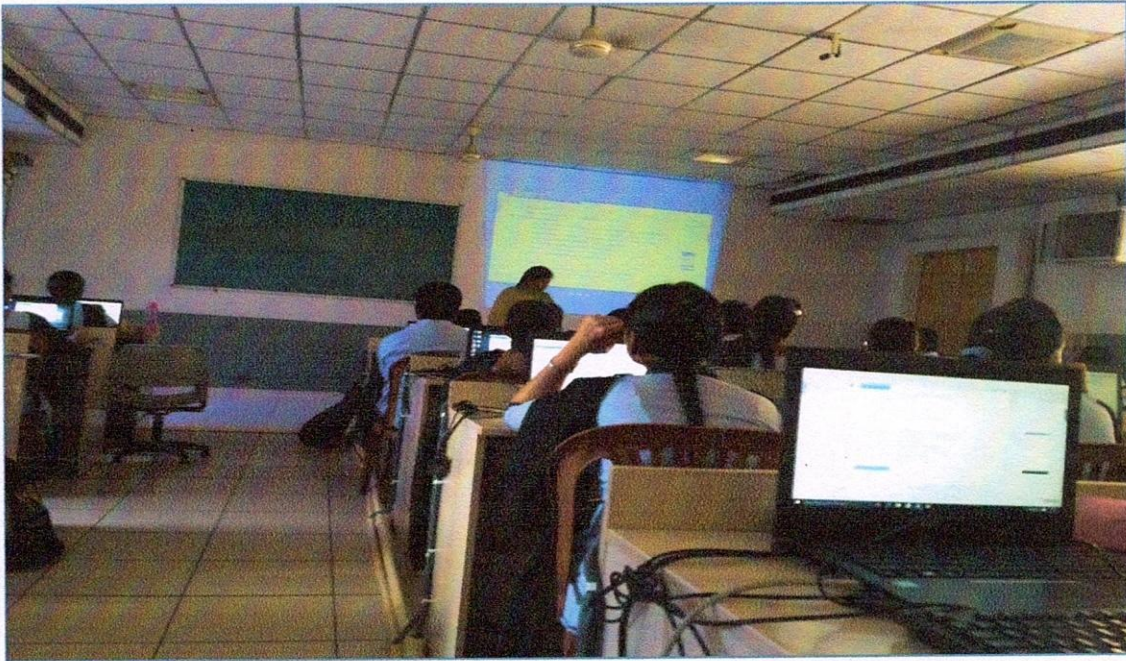
Dr. D. Haritha
HOD/Date 21/08/2018

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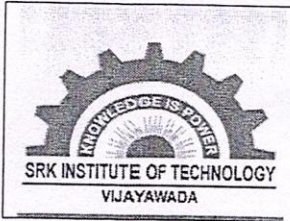


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Google Android Development Program phase -1



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DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 02-08-2018

Program Report

Name of the Event: Certificate Program on " Google Android Developer Fundamentals "

Date / Duration: 23-07-2018 to 30-07-2018

Resource Person: Ms.M.Sravanthi , Software Engineer

Name of Coordinator: Mr M.Ram Bhupal, Asst. Professor, Information Technology

Number of students Attended: 40

Objective of the Event:

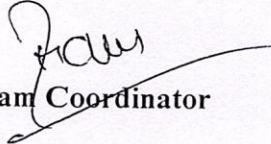
- Android Developer Fundamentals workshop to empower the students in designing Apps.
- It starts from hello world app to developing data sharing app will be delivered in this workshop

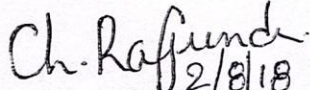
Topics Covered:


- Build Your First Application
- Activities
- Testing, Debugging and using support Libraries
- User Interaction
- Background Task
- Loading Data Using Loaders

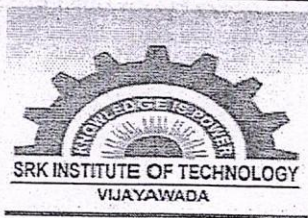
Outcome of Event:

- After this workshop student will be good at Android app Development which help them to get better job opportunities
- It helps in developing Mobile Applications


Program Coordinator


Ch. Raju
HOD/ Date 2/8/18


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Department of Computer Science and Engineering

Date: 1-09-2018

REPORT

Name of the Program: "Google Android Developer Fundamentals", Phase I & II

Date: 23-8-18 to 30-8-18

Timings: 9:00AM to 4:30AM

Resource Person: Ms.M.Sravanthi, Technical trainer, APSSDC.Ph No: 9908698221

Name of the Coordinator: Mrs.A.Radhika, Sr.Assistant Professor.

Number of Participants: 55

The Department of CSE conducted program on "Google Android Developer Fundamentals", Phase I & II from 23-8-18 to 30-8-18 at APSSDC Lab, First Floor during 9:00AM to 4:30PM

On the first day, program was inaugurated by the Dr.D.Haritha, HOD of CSE with a motivational talk on importance of Android App Development and learning these kinds of tools will help the students to do real time applications and this could help them to do a project in their final year. After the speech of HOD, the classes were conducted as per the schedule given.

On the last day of the program few aspirants gave their feedback on how the training sessions helped them in improving their programming skills. Finally, the program was concluded with a vote of thanks by student representatives.

Objective:

- This course is primarily designed for beginners and experienced programmers who want to learn how to create applications in Android. Starts from Java Essentials for Android and cover all that to develop professional Android Apps.

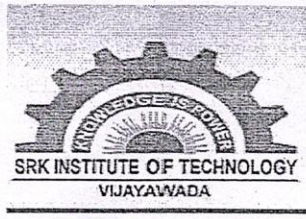
Outcome of Event:

- In Phase I, students learn how to install android studio and basic ideas about how to design and code the apps and done some basic assignments on their own.
- In phase II, students learnt the advanced concepts of android and many in build packages its usage and importance
- At the end of the workshop students are able to do small apps of their own interest.

Radhika
Program Coordinator

Dr. D. Haritha
HOD/Date
Principals
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Department of Computer Science and Engineering

Date: 3-12-2018

REPORT

Name of the Program: "Engineering Orientation Program "

Date: 26-11-18 to 1-12-18

Timing: 9:00AM to 4:30PM

Resource Persons: Sindhu Ch, Maha Lakshmi, Suryanarayana and N, Apparao Swami,
Technical trainers, APSSDC.

Name of the Coordinator: Mrs.A.Radhika, Sr.Assistant Professor.

Number of Participants: 107

The Department of CSE conducted program on "Engineering Orientation Program " from 26-11-18 to 1-12-18 at APSSDC Lab, First Floor during 9:00AM to 4:30PM

On the first day, program was inaugurated by the Dr.D.Haritha, HOD of CSE with a motivational talk on importance of App Development and learning these kinds of tools will help the students to do real time applications and this could help them to do a project in their final year. After the speech of HOD, the classes were conducted as per the schedule given.

On the last day of the program few aspirants gave their feedback on how the training sessions helped them in improving their programming skills. Finally, the program was concluded with a vote of thanks by student representatives.

Objective:

- This course is primarily designed for beginners and experienced programmers who want to learn how to create applications.

Outcome of Event:

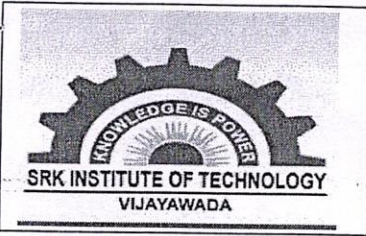
- At the end of the workshop students are able to do small apps of their own interest.

Program Coordinator

Dr. D. Haritha
HOD/Date

[Signature]

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Date: 11-6-2018

CIRCULAR

All the students of III B.Tech, CSE are hereby informed that the department of CSE in collaboration with CISCO Networking Academy is organising a certificate program on “**CCNA R&S (Routing and Switching): Module-1: Introduction to Networks**” in the first Phase. In addition to the e- learning content available to the enrolled students for this course on CISCO Networking Academy portal, the course instruction by the identified instructors Mr. G.Appa Rao, Assistant Professor, department of CSE and Mr. T.Ganesh Kumar , Assistant Professor department of MCA is scheduled from 25-6-2018 to 20-7-2018 in the first Phase, every day during 3:30PM to 5:00PM. After completion of preparation of the given course e-content , the enrolled students can complete module test at their own pace before the 8-10-2018.

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Circulated to: All HOD's

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