

Estd. 1989

SIR C.R. REDDY COLLEGE OF ENGINEERING

ELURU - 534 007, Eluru Dist., A.P., INDIA

ACCREDITED BY NBA, APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI,
PERMANENTLY AFFILIATED TO JNTUK, KAKINADA

www.sircrrengg.ac.in



☎ OFF : (08812) 230840, 230565
FAX : (08812) 224193
Email : principal.sircrrengg@gmail.com

Ref. No.

Date :

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation Centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

The Institution has created an eco-system for innovation and knowledge transfer to faculty and student community with various dedicated centers.

An **Entrepreneurship Development Cell (EDC)** was established to guide and motivate students and faculty to become entrepreneurs and take startups. This cell provides awareness programs on entrepreneurial skills through workshops, seminars and helps them in the preparation of project proposals, market surveys, Financial Assistance and marketing of the product.

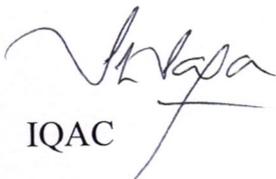
Research and Development cell (R&D) is proactive at SIRCRRCOE to inculcate research and innovative skills among faculty and students. It helps to ensure that research efforts are aligned with NEP 2020 to establish strong research ecosystem to foster broader objectives, promote collaboration, maintain quality and ethics, and contribute to the advancement of knowledge and the well-being of society to achieve Innovative breakthroughs by painstaking efforts of R&D. Collaboration with different government and non-government institutes eventually lead to several MoUs, interdisciplinary research, sharing of resources, and the development of innovative solutions to complex problems.

As per the R&D policy of the Institute, a platform for encouraging filing of IPRs and patenting the products/technologies for necessary commercialization is

very much desirable. With this objective, the Institute has developed the IPR and Incubation activities under R&D wing of the Institute. The main objectives and functions of the Cell are as follows:-

- ◆ To help the faculty members in the patent writing and filing process.
- ◆ To handle the in-house patent applications using a defined procedure.
- ◆ To seek the help of federal expert agencies in the patent writing, filing and application process, and also in reaching to the potential investors interested in our technologies.
- ◆ To handle the patent defense and infringement cases.
- ◆ To educate and provide assistance to the faculty members about the commercial importance of their work and how it can be converted into a technology which can potentially be transferred to companies or converted into a commercial product.
- ◆ To provide space in the Institute to the Incubators to help the faculty members and graduating students to start their own spin-offs and start-ups independently or in collaboration with an investor company.

The institute is in Collaboration with Andhra Pradesh State Skill Development Corporation (APSSDC), which established SIEMENS sponsored labs (Technical Skill Development Institutes (TSDI) like Automobile two wheeler Lab, Automobile four wheeler lab, Electronics home and Office labs and Computer based training labs, Welding lab, Advanced Robotic control lab, Dassault 3D Experience center)VELJAN sponsored labs(Advanced Pneumatic lab, Hydraulic System Lab),THINKTRONICS sponsored IOT lab, AMAZON sponsored AWS lab in which the students are provided intensive skill oriented trainings which enhances their innovative thoughts and will be industry ready. Thus the main objective of the corporation is to implement a structured and pragmatic solution to skill & upskill the workforce in the state of A.P. and to increase employability, and promote entrepreneurship in sync with Industrial growth of the state.


IQAC




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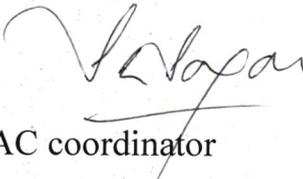
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3.2.1 Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation Centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

S.NO	NAME
1.	ENTREPRENEURSHIP DEVELOPMENT CELL(EDC)
2.	RESEARCH AND DEVELOPMENT CELL(R&D CELL)
3.	SKILL DEVELOPMENT CENTERS(SDC)


IQAC coordinator




Principal
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007

1. ENTREPRENEURSHIP DEVELOPMENT CELL (EDC)

Entrepreneur Development Cell

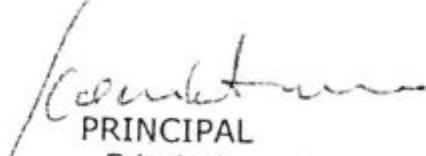
The Entrepreneurship Development Cell (EDC) was started with the object of promoting specialized knowledge in the field of entrepreneurship development. In view of the worldwide shortage of jobs (both government and private sectors) leading to unemployment problems and lack of proper utilization of human resources; the cell strives to identify talented youth to entrepreneurial works. The cell plans to organize various programmes regarding entrepreneurship development.

Academic Year 2018-2019

Sl.No	Name	Designation/ Dept.	Position
1.	Dr. G. Sambasiva Rao	Principal	Chairman
2.	Dr. I. Hemalatha	Assoc. Professor, ECE	Convener
3.	Dr. Y. Butchi Raju	Professor, EEE	Member
4.	Dr. M. Sreeram Murthy	Professor, MECH	Member
5.	Dr. G. Nirmala	Assoc. Professor, CSE	Member
6.	Dr. K. Satyanarayana	Professor, IT	Member
7.	Sri. M. Lakshmi Deepak	T & P Officer	Member
8.	Sri. K. Rambabu	Correspondent	Member

Duties and responsibilities:

1. To create awareness among the students of the Institution regarding entrepreneurship as a career option.
2. To conduct training programmes in the field of entrepreneurial skill development
3. To develop entrepreneurship related course curriculum to incorporate in engineering programmes
4. To provide guidance and facilities to first time entrepreneurs during gestation.


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Entrepreneur Development Cell

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Academic Year 2019-2020

Sl.No	Name	Designation/ Dept.	Position
1.	Dr. G. Sambasiva Rao	Principal	Chairman
2.	Dr. I. Hemalatha	Assoc. Professor, ECE	Convener
3.	Dr. N. Bhupesh Kumar	Professor, EEE	Member
4.	Dr. K. Rambabu	Professor, MECH	Member
5.	Dr. M. Ravi Kumar	Assoc. Professor, CSE	Member
6.	Dr. G. Nirmala	Assoc. Professor, CSE	Member
7.	Dr. K. Satyanarayana	Professor, IT	Member
8.	Sri. M. Lakshmi Deepak	T & P Officer	Member
9.	Sri. J. Malikarjunudu (Malli Babu)	Correspondent	Member
10.			Member

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Entrepreneur Development Cell

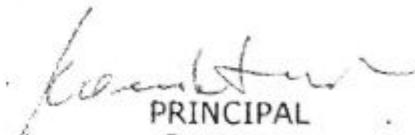
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Academic Year 2021-2022

Sl.No	Name	Designation/ Dept.	Position
1.	Dr. K. Venkateswara Rao	Principal	Chairman
2.	Dr. I. Hemalatha	Assoc. Professor, ECE	Convener
3.	Dr. K. Rambabu	HOD, MECH	Member
4.	Dr. Y. Butchi Raju	Professor, EEE	Member
5.	Dr. B. Madhava Rao	Assist. Professor, CSE	Member
6.	Sri. N. Prasad	IT	Member
7.	Dr. T.H.S. Tejomurthy	Professor, ECE	Member
8.	Sri J. Mallikharjunudu (Malli Babu)	Correspondent	Member

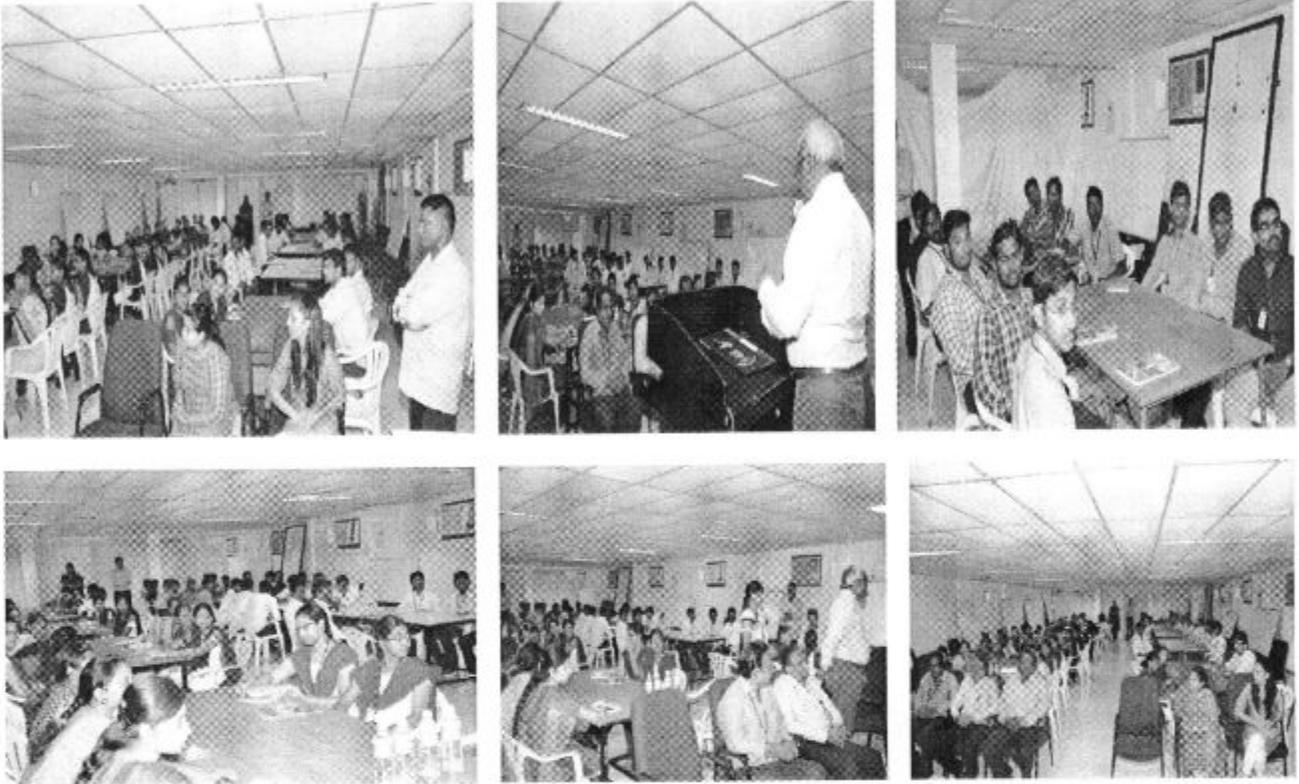
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SIR C R REDDY COLLEGE OF ENGINEERING, ELURU – 7

ENTREPRENEUR DEVELOPMENT CELL



Design thinking workshop for TEP-2015-17 batch conducted by ISB, HYD, APITA



TEP completed - 2016-18 batch



2017-19 TEP batch attended workshop at ISB, HYD



TEP 2017-19 batch Design thinking workshop conducted by ISB, HYD, at Sir C R Reddy College of Engineering



Workshop on Women Entrepreneurship at KLU, Guntur, 10th and 11th Aug 2019



Three Day Hands-on Hackathon for TEP 2.O Students” conducted by ISB, HYD on 01-03-2019 at 9-00AM in AC seminar Hall

**2. RESEARCH AND DEVELOPMENT
CELL(R&D CELL)**

Sir C. R. Reddy College of Engineering, Vatluru

Research Promotion Policy

Research is the pillar of any product development or project in general. Doing research equips engineers with the essential knowledge about the needs of the real world and abilities to improve everyday life. To encourage and promote quality research from faculty and students, a Research Promotion Policy is proposed as follows.

Department Research Committee (DRC) shall be constituted in each department with three senior most faculty members of the department (Preferably Professor Cadre) with doctorate degree. The DRC shall receive applications from faculty and students claiming incentives in prescribed format with necessary proofs like hard copy of full paper/certificate/registration fee receipts etc and evaluate the application and forward with its recommendations/comments to the next level for processing the same on a monthly basis. The DRC shall have a Convener for its smooth functioning. The DRC shall maintain all records so forwarded at its office. The DRC shall meet regularly and maintain the minutes of the meetings and recommend necessary modifications/amendments time to time for promoting quality research from faculty and students. The DRC may take necessary feedback/suggestions of faculty and students and invite the stake holders for its meetings.

An institute level **Research & Development Cell (R & D Cell)** shall be constituted with one senior most faculty from each teaching departments (Preferably Professor Cadre) with doctorate degree other than Head of the Department. He/She shall be a member of Department Research Committee. The college Research & Development Cell shall receive applications claiming incentives in prescribed format with necessary proofs like hard copy of full paper/certificate/registration fee receipts etc and evaluate the application and forward with its recommendations/comments to the next level for processing the same on a monthly basis. The College Research & Development cell shall maintain all records so forwarded at its office. The College R & D Cell shall have a Convener and Co-Convener for its smooth functioning. The College R & D Cell shall meet regularly and maintain the minutes of the meetings and recommend necessary modifications/amendments time to time for promoting quality research from faculty and students. The College R & D Cell may take necessary feedback/suggestions of faculty and students and invite the stake holders for its meetings.

Management may allocate an annual budget to College Research & Development Cell and the incentives so granted shall be met from the budget with proper norms after necessary approvals and recommendations.

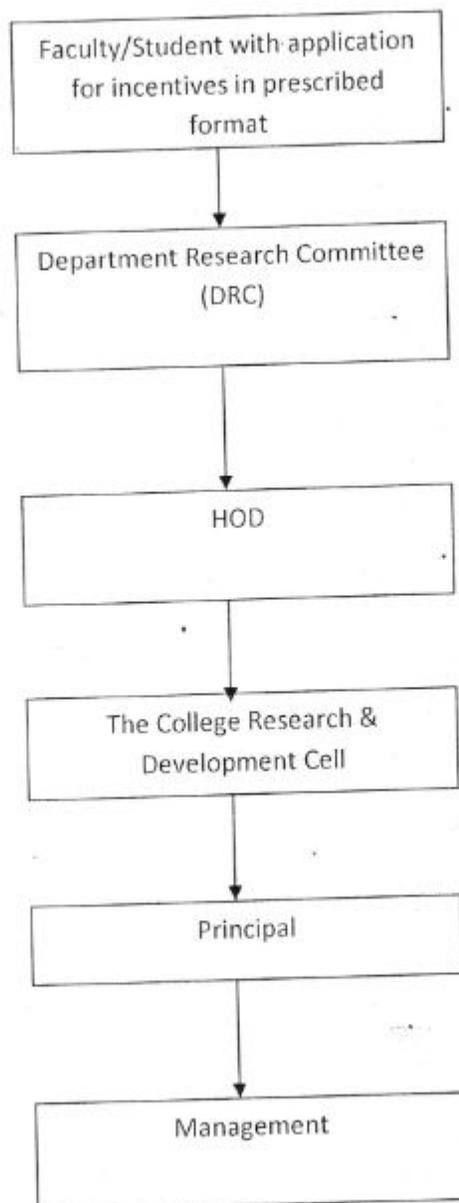
Incentive is not a right of the applicant and is purely on the fair evaluation and discretion of concerned authorities.

The management may consider providing necessary infrastructure and facilities for smooth functioning of College R & D Cell and DRC.

This proposed Research Promotion Policy is framed on the basis of Research Incentive policy proposed in 2018 by the same committee with necessary modification and additions to meet the present scenario.

The College R &D Cell shall publish the approved Research Promotion Policy and necessary applications in prescribed format in college web portal for the benefit of faculty and students.

Faculty members should submit an "Application for incentive" in the prescribed format duly processed as below.



1. Publication of Research Papers:

If a research paper is published based on his/her work in hard copy or in electronic form in a reputed /refereed International/National Journal, incentive will be paid to the faculty member

as indicated below:

- | | |
|----------------------------------|------------|
| ➤ SCI/SCIE/ESCI indexed journals | Rs 5,000/- |
| ➤ Scopus indexed journals | Rs 3,000/- |
| ➤ UGC approved journals | Rs 2,000/- |

Incentives are applicable for only first author with Institute affiliation. However, If the paper is out of a Research Scholar/ M.Tech students' contribution of the Institute, the research supervisor shall be given an incentive of 50% only in the above four categories.

Faculty members are encouraged to publish papers only in reputed journals.

Any faculty/ Research supervisor should not claim incentives for more than 4 research publications in an academic year.

2. Publication of Books/Chapters:

Faculty members who have taken efforts to write and publish books are encouraged and a onetime incentive will be given to the First Author with college affiliation as indicated below.

- Full book by renowned International Publisher - Rs 10,000/- like McGraw Hill, Prentice Hall, Oxford University Press or other internationally reputed publishers.
- Full book by renowned national Publisher - Rs 5,000/- like S.Chand, Khanna, New Age International or other nationally reputed publishers.
- Book Chapters/e-books – Rs 2,000/-

3. Presenting research papers at National & International Conferences

- For the faculty attending and presenting a research paper in National Conferences as a first author with college affiliation, the college will pay the registration charges (maximum ceiling of Rs. 2,000/- per paper) for one program per faculty for an academic year and TA&DA as per his/her eligibility criterion for presenting the paper based on the norms of the college provided the conference is sponsored by national bodies viz AICTE, IE(I), ISTE, IETE, IME etc. subject to the submission of proof of payment.
- For the faculty attending and presenting a research a paper in International Conferences held in India as a first author with college affiliation, the college will pay the registration charges (maximum ceiling of Rs, 3,000/- per paper) for one program per faculty for an academic year and TA&DA as per the eligibility criterion for presenting the paper based on the norms of the college provided the conference is sponsored by International bodies, viz IEEE, ASME etc. subject to the submission of proof of payment.

- If the International conference is convened by IIT or NIT, the institution will pay full registration fee subject to the submission of proof of payment and paper presentation.
- For the faculty attending and presenting a research paper in international conferences at abroad as a first author, the institute management shall decide on case to case in consultation with the R & D Cell of the college. However, they are advised to apply and secure research grants from AICTE, DST, and UGC etc. to meet their expenses in general.

Maximum of 20% of the faculty members from each department per academic year will be considered for granting SCL (Special Casual Leave) on first come first serve basis for attending such National/International Conferences. The faculty shall adjust their regular workloads for attending such programs. Uniform opportunity shall be given to faculty to avail SCL to attend such programs in an academic year.

4. Attending Faculty/Staff Development Program (FDP/STTP/Workshop):

- Faculty is encouraged to attend online NPTEL workshops/STTP/FDP during academic tight schedules and the Institute will pay the registration fee for one program per semester subject to the submission of proof of payment.(Maximum Ceiling Rs 2,000/-)
- Faculty is encouraged to participate in sponsored FDP/Workshop/STTP and Institute will pay the TA and DA. However Faculty members attending a program of more than three days duration shall plan their participation in the semester break/summer vacation so that the academic schedule of the students remains undisturbed.
- Eligibility for such programs shall be restricted to 10% of available faculty members per semester from a department for sanction of SCL on first come first serve basis.
- In general, programs sponsored by AICTE/ISTE/DST and other institutions where the host institution takes care of significant portion of the training cost, and the faculty will be given academic leave for the period(One Program in an academic year per faculty).

5. Organization of Faculty/Staff Development Program (FDP/STTP/Workshop/Conferences):

A. Conferences:

- Departments shall be encouraged to organize at least one conference per academic year preferably collaborating with reputed societies/organizations.

B. FDP/STTP:

- Departments shall be encouraged to organize at least one FDP/STTP per academic year preferably collaborating with reputed societies/organizations.

C. Tech FEST:

- Students Tech Fest at college level will be conducted in each academic year as and when it is feasible and those programs must be restricted to professional programs.

Note:

1. Management may consider supporting such programs financially excluding registration revenue.
2. Conference/Seminar/workshop shall be planned to be organized jointly by more than one department.

6. Incentive for completing Ph.D Degree when in service

For the purpose of incentive under this clause, ordinarily, the degree awarding Institution will be a UGC approved University or an Institution of national standing. In case the institution is a deemed University or a private one, a duly appointed committee shall certify the credibility of the Institution awarding the degree. The faculty undertaking their Ph.D pursuit is advised to check with the Institute about the Institution they are registered under, to ascertain the credibility of such Institution.

- For the purposes of the incentive, a Ph.D will be deemed to have been completed when a copy P.C is submitted as a proof with the Incentive application by the concerned faculty.
- Existing incumbent obtained Ph.D need to be considered for internal promotion if any vacancy is present in the department before considering any external candidate.
- Weightage should be given to internal candidates having good academic service and college seniority.
- If the department doesn't possess vacancy for such candidates, a minimum of two increments may be given for such faculty.
- Such candidates who obtained increments without promotion, he/she will be promoted as and when vacancy arises considering their internal service.
- SCL's be granted for attending research project reviews/viva- voce/Award subject to the submission of proof.

7. Research Grants:

If the research grant is awarded by Govt. organizations/Reputed organizations, Principal Investigator of the project shall be given an incentive as follows
Incentive of Rs 5,000/- if the grant is above Rs 5,00,000/-

8. Student Innovation Project:

- To encourage students to participate in real time project implementation, financial assistance be provided for proven student projects.
- The project shall be judged/evaluated by
 - (a) Department Research Committee or
 - (b) Through a research publication and
 - (c) Based on the successful implementations and recommendations of DRC and College R & D Cell.

A onetime financial assistance of Rs5,000/- per project subject to a maximum of two (2) projects per department for an academic year be considered subject to the submission of proof of expenditure/recommendations.

9. Recognition of Student Achievements:

- If any of the student project won 1st or 2nd Prize in the events conducted by the other institutions in and out of the state of A.P, an incentive of Rs2,000/- for First Prize, Rs 1,000/- for 2nd prize be given subject to the submission of proofs.
- Students won prizes from the premium institutions like IIT, NIT etc be rewarded with an incentive of Rs 5,000/- for first Prize and Rs3,000/- for second prize.
- Students are encouraged to participate in paper presentations outside the state, and incentive of Rs 1,000/- per paper be given for papers presented and selected at reputed institutes/organizations based on the recommendations of DRC and College R & D Cell.

10. Intellectual Property Rights (IPR):

- For publication of a patent, an incentive of Rs2,000/- will be paid and Rs 5,000/- will be paid for the grant of patent subject to the publication with college affiliation after production of necessary proofs.
- If a patent is published/granted in collaboration with external agencies the grant of incentive will be finalized by the Department Research Committee and College Research & Development Cell from time to time based on the merits of collaborating institute after production of necessary proofs.
- An incentive of Rs 3,000/- may be paid for Design IPR by the faculty with College affiliation subject to the submission of necessary proofs.
- An incentive of Rs1,000/- may be paid for a Copy Right of the faculty with College affiliation subject to the submission of necessary proofs.

Note:

1. In general any faculty/research supervisor should not claim in more than one category for incentives for the same research.
2. The Research Promotion Policy so approved by the management shall be published in the college web portal along with the prescribed format for application of incentive.
3. The policy shall be amended time to time based on the need to upkeep the academic standards.

SIR C R REDDY COLLEGE OF ENGINEERING: ELURU
Research and Development Committee

Ref. No: SCRRCE/R&D/CIR/2022-23/01

DT: 24-03-2023

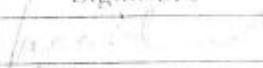
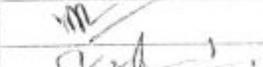
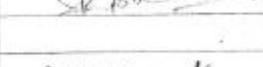
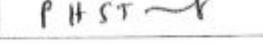
CIRCULAR

This is to inform to all the Research and Development Committee, that there will be a meeting on 25-03-2023 at 03.00 PM at AC seminar hall.

Agenda of the Meeting:

- Review on the journals published by the faculty and quality of publications
- Conduction of conference/seminar/symposium/workshops to encourage research
- Conduction of project orientation classes, Designer tools lab
- Discussion on R&D Projects DST, SERB etc
- Consultancy projects

Department Advisory Committee :

S.No	Name	Designation	Signature
1	Dr K Venkateswara Rao, Principal	Chairmen	
2	Dr T Venkateswara Rao, HOD, ECE	Convener	
3	Sri. Dr. A. Yesu Babu, HOD, CSE	Member	
4	Dr C Ramesh Duttu, HOD, Civil	Member	
5	Dr. A. Srinivasa Reddy, HOD, EEE	Member	
6	Dr. S Krishna Rao, HOD, IT	Member	
7	Dr. K Rambabu, HOD, ME	Member	
8	Dr P H S Tejo Murthy, Professor, ECE	Member	


Chairmen

SIR C R REDDY COLLEGE OF ENGINEERING::ELURU
Research and Development Committee

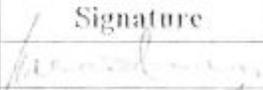
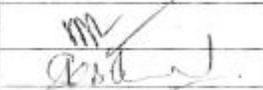
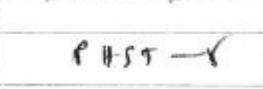
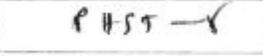
Dt: 25-03-2023

A meeting of Research and Development Committee was held on 25-03-2023. It began at 03.00 PM and was called by Dr K Venkateswara Rao, Principal and Chairmen R&D.

☛ **Agenda :**

- Review on the journals published by the faculty and quality of publications
- Conduction of conference/seminar/symposium/workshops to encourage research
- Conduction of project orientation classes, Designer tools lab
- Discussion on R&D Projects DST,SERB etc
- Consultancy projects

Attendees :

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3	Sri. Dr. A. Yesu Babu,HOD,CSE	Member	
4	Dr C Ramesh Duttu, HOD, Civil	Member	
5	Dr. A. Srinivasa Reddy,HOD,EEE	Member	
6	Dr. S Krishna Rao, HOD,IT	Member	
7	Dr. K Rambabu, HOD,ME	Member	
8	Dr P H S Tejo Murthy,Professor,ECE	Member	

Minutes of the Meeting :

- The meeting started with an address by Dr K Venkateswara Rao, Principal, extending a warm welcome to the R&D members and a sincere gratitude was expressed towards all the members present for the meeting.
- Members expressed their views to improve quality of journals published by the faculty and expressed that there should be a need for updating of innovation policy of the institute
- It is resolved to conduct workshops and conferences in the thrust areas
- Department thrust areas are identified.
- Advised all the HODs to focus on applying DST/SERB
- Members discussed about conduction of workshop and guest lecture

Resolutions of the meeting:

It is resolved to:

- Prepare action plan regarding the conduction of workshop and guest lecture.
- Update the innovation policy of the institute
- Publish journals citing the college name
- Apply consultancy projects
- Submit DST project
- Improve the Scopus journals
- Identify the patentable products

[Handwritten Signature]
chairmen

3. SKILL DEVELOPMENT CENTRES(SDC)

S.NO	CENTRE NAME
I.	APSSDC-ARC Skill Development Centre
II.	APSSDC-AWS Skill Development Centre
III.	APSSDC-SIEMENS Skill Development Centre-I
IV.	APSSDC- SIEMENS Skill Development Centre-II
V.	APSSDC-DASSAULT Skill Development Centre
VI.	APSSDC-THINGTRONICS(IOT) Skill Development Centre



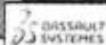
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Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada

ELURU-534007, WEST GODAVARI DIST., A.P. Contact Number : 08812-230840 Website : www.sircrrengg.ac.in

15-SKILL DEVELOPMENT CENTRES

3D EXPERIENCE LAB



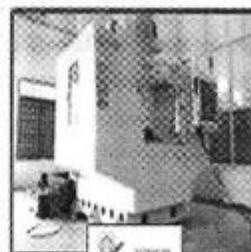
ADVANCED PNEUMATIC LAB



HYDRAULIC SYSTEMS LAB



CNC LAB



4-WHEELER & 2-WHEELER LAB



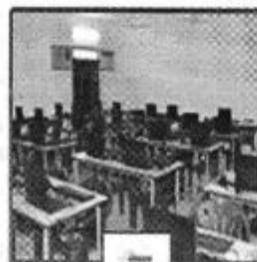
WELDING LAB



ARC LAB



AMAZON WEB SERVICES LAB



THINK TRONICS LAB



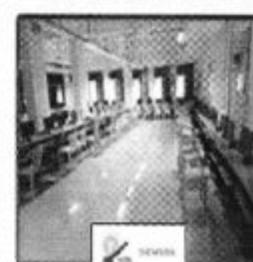
ELECTRONICS OFFICE LAB



ELECTRONICS HOME LAB



COMPUTER BASED TRAINING



I.ARC SKILL DEVELOPMENT CENTRE

	<p align="center">SIR C.R.REDDY COLLEGE OF ENGINEERING Eluru-534007, West Godavari Dist., A.P., INDIA (Approved by AICTE, New Delhi & Permanently affiliated to Andhra University) Phone no: 08812 - 230840, 2300656 Fax: 08812 - 224193 Visit us at http://www.sircrrengg.ac.in DEPARTMENT OF MECHANICAL ENGINEERING</p>
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APPLIED ROBOTIC CONTROL (ARC) LAB

Description:

ARC lab is established by joint collaboration of APSSDC and Indo-European center for Mechatronics, Germany. Our institution has spend 20 lakhs for this project. It is a subsidized program, APSSDC gave a financial Assistance and IECM, Germany assists technical support and guidelines for how to run the lab. Two low cost robots (Icus Robot and Commonplace Robot) had been supplied to the college. The purpose of establishing the lab is to train the students on industrial robots with low cost initiated by the AP state government in 2018. This lab can be useful for Mechanical, Electrical and Electronics, and Electronics and communication Engineering students.

This lab course is designed in four levels as it follows,

- ARC 1.0 – In this course , Fundamentals and simulation of the Industrial robot are introduced.
 - ARC 2.0 – Training on Industrial robots by writing the programs.
 - ARC 3.0 – Offering internship at Germany.
 - ARC 4.0 – Offering M.S. Program in German Universities.
- Applications: Welding, Painting, Assemble of the automobile parts in car manufacturing unit.

Course Outcome (CO):At the end of the program, student will be able to

Design, Analyze and Understand the path traced by the End effector of the robot suitable to application requirement.

Objectives:

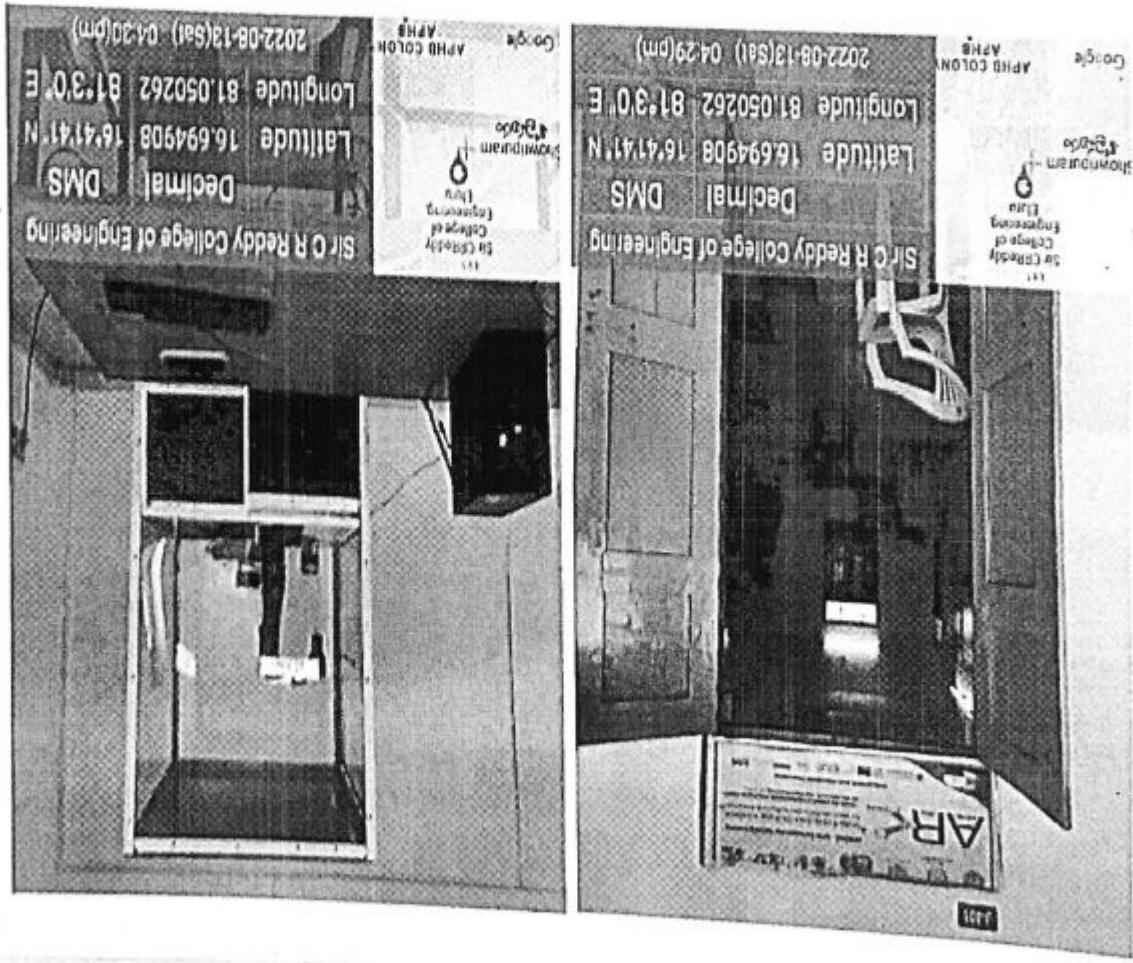
To develop the knowledge of our students in the fields of Mechatronics, industrial manufacturing and Robotics. Our students will be trained, and equipping them to be industry ready by the time of graduation.

Topics:

Mechatronics, PLC Automation, Low cost Automation and Industrial robotics applications & Practice oriented learning with project based and task based learning to solve the industry scale problems in the fields of digital manufacturing.

Certification:

Joint Certification from reputed German Universities and APSSDC, ECMM on successful completion of the courses. Be job ready by the end of graduation with skills matching global industry requirements.



Name		Applied Robotic Control Lab.
Location		Fourth Floor, IT Block
Lab In-Charge		E. Venkateswara Rao

APPLIED ROBOTIC CONTROL LABORATORY

SIR C.R.REDDY COLLEGE OF ENGINEERING
 Eluru-534007, West Godavari, AP, India
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DEPARTMENT OF MECHANICAL ENGINEERING

Lab 1



SIR C.R. REDDY COLLEGE OF ENGINEERING

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DEPARTMENT OF MECHANICAL ENGINEERING

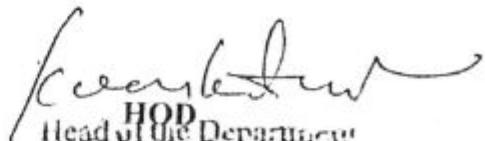
APPLIED ROBOTIC CONTROL LABORATORY

Laboratory Floor Area:

Name	Location	Floor Area (Sq. m)
Applied Robotic Control Lab.	4 th floor, IT block	76
	Corridor	27
Total		103

Facilities in the Laboratory:

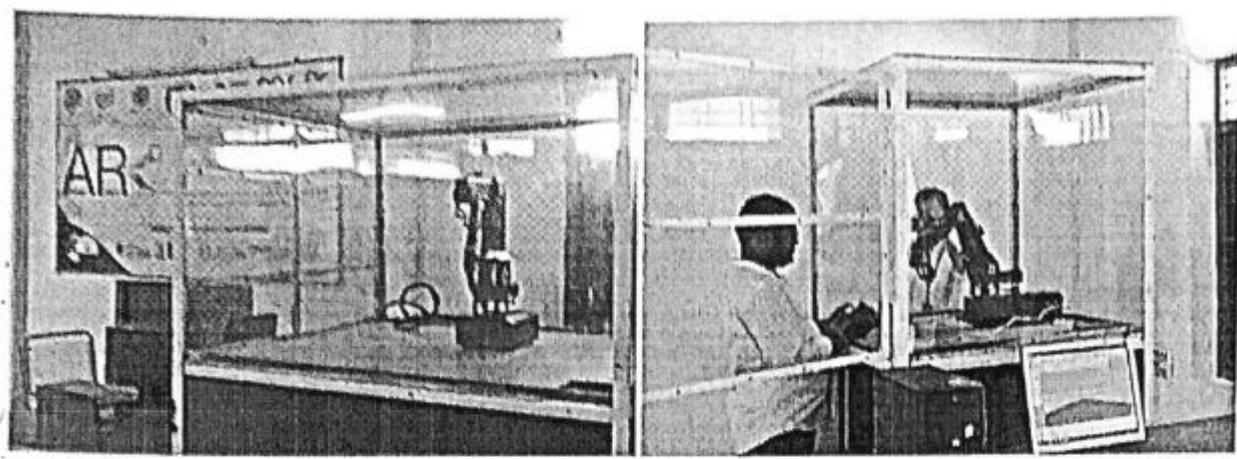
S.No.	Name of the Facility	No. of Units	
1	Fans	05	
2	Stools	01	
3	Chairs	23	
4	Flex Boards	01	
5	Wash basin	01	
6	Water tap connection	01	
7	Tables for experimental setups	02	
8	Power points	Switches	45
		Sockets	28
09	Desktop systems	02	
10	Dust bins	01	
12	Lights	06	
13	Seating Capacity	25	
14	Panel Board	01	


HOD
Head of the Department
Mechanical Engineering



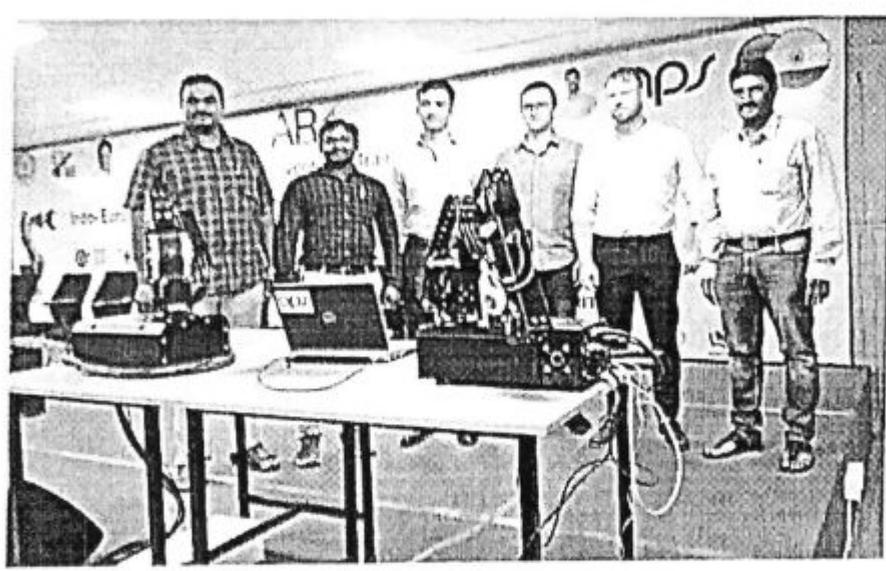
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APPLIED ROBOTIC CONTROL LABORATORY



Igus robolink with DIN Rail Robot Controller

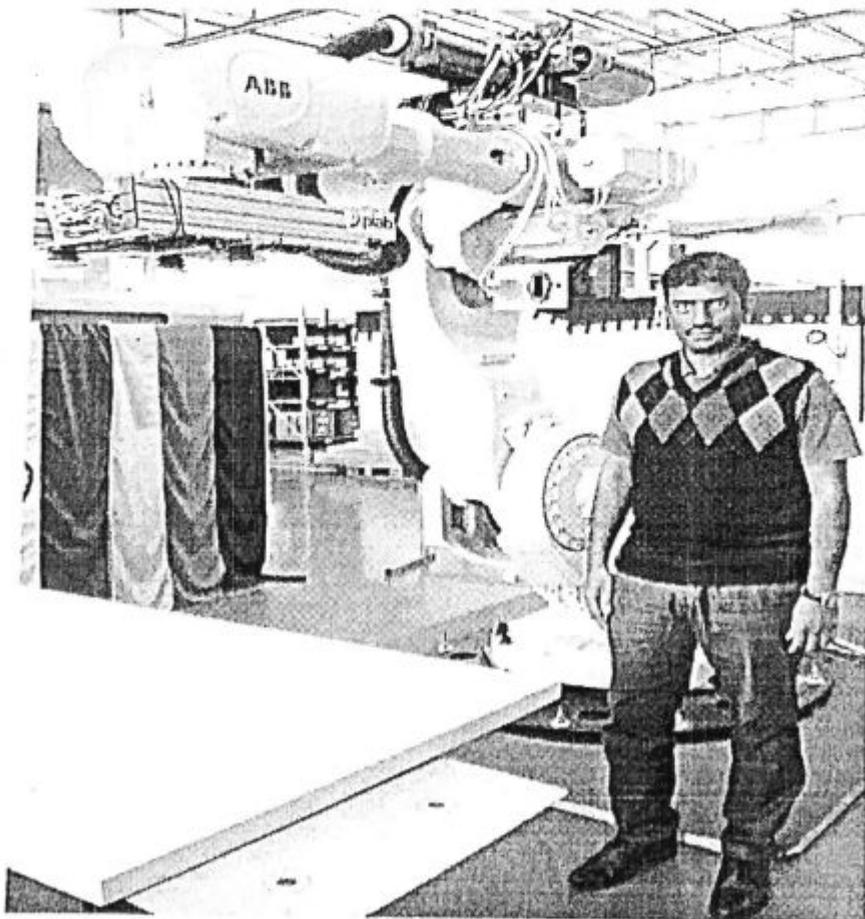
Embedded Control of the igus robolink-DCI Robot Arm



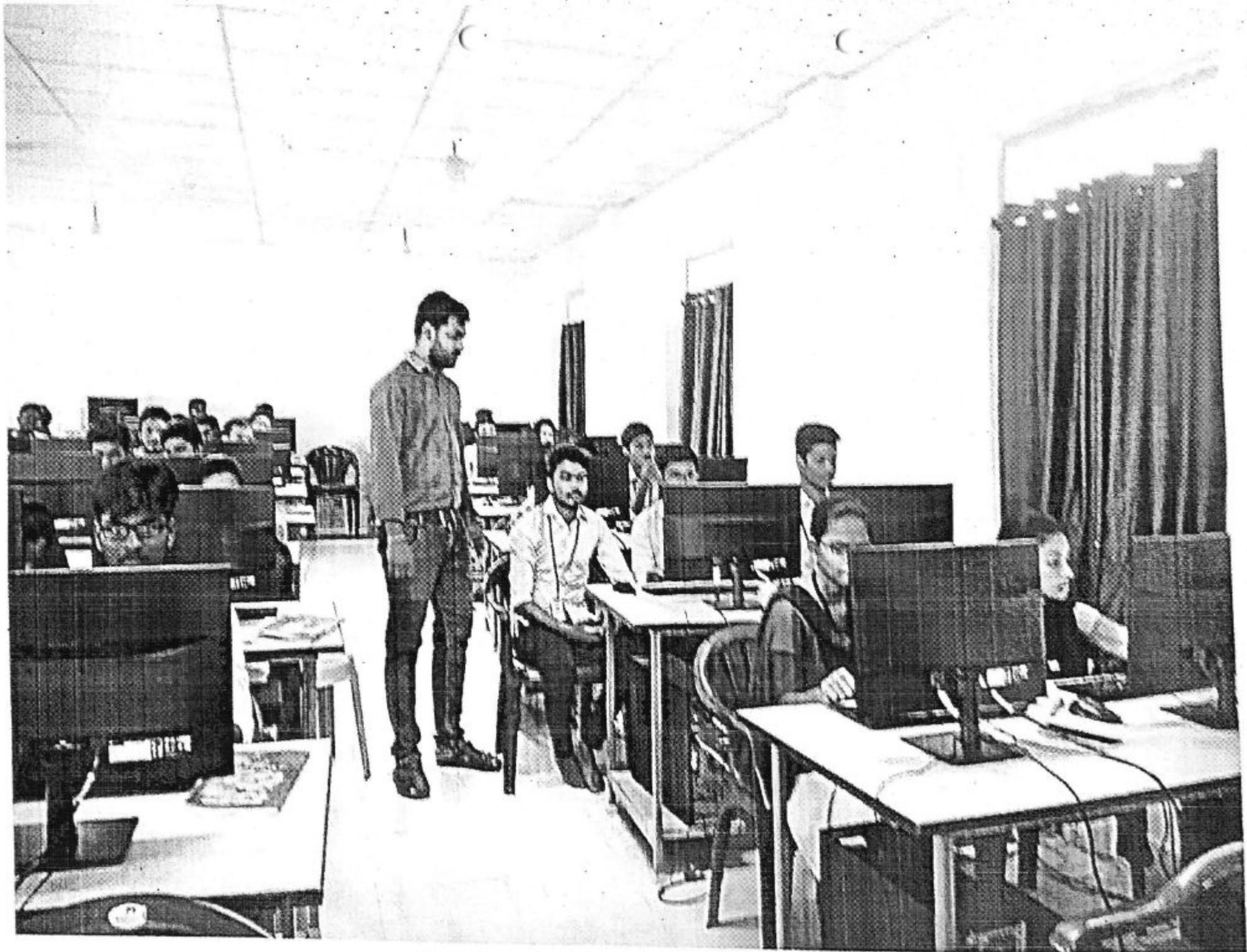
Faculty training at VIT AP, Amaravathi



Faculty training at RWTH Aachen University, Germany.









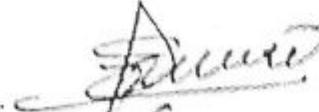
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DEPARTMENT OF MECHANICAL ENGINEERING

APPLIED ROBOT CONTROL LABORATORY

ARC Academic Activities:

S.No	A. Y.	Course Name	Course Duration		No. of Regs.	Completed/ Promoted
			From	To		
1	2018-19	ARC 1.0*	23.01,2019	20.03,2019	109	102
2	2019-20	ARC 2.0*	26.11,2019	20.12,2019	15	14
		ARC 3.0* (India)	23.01,2020	03.03,2020	08	08
		ARC 3.0* (Germany)	23.01,2020	16.03,2020	03	03
3	2020-21	ARC International Internship	February – April 2021		44	33
4	2021-22	ARCET*	November – December 2021		13	On going

- * ARC 1.0: Fundamentals of Industrial Robots
- * ARC 2.0: Programming skills on low cost Industrial Robots
- * ARC 3.0: Bachelor Project offered in India/Germany
- * ARCET : ARC Emerging Technologies


(Lab. In-charge)



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DEPARTMENT OF MECHANICAL ENGINEERING

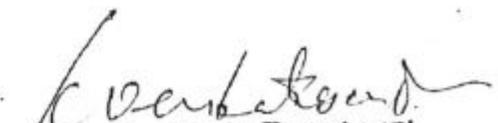
APPLIED ROBOTIC CONTROL LABORATORY

Activities 2019-20

S.No.	Date	Particular	Remarks
1	24.08.2020	Course:ARC 3.o Completion report	
2	27.02.2020	Meeting conducted about ARC Schedule and Curriculum	
3	14.02.2020	Notice circulated to students about course ARC 1.o registration	
4	13.02.2020	ARC presentation to the new students by APS team	
5	10.02.2020	ARC next cycle enrollment details	
6	23.01.2020	Web link for con call with SPOCs and faculties on 24.01.2020 @ 12.00 PM	Current status of ARC 3.o progression and other open points
7	25.01.2020	List of students are deputed to do their projects at ARC cluster centers	
8	21.01.2020	Bachelor project schedule and system requirements	Attached list of cluster centers and week wise schedule
9	04.01.2020	Important announcements of ARC 3.o and placement drive regarding.	
10	03.01.2020	List of registered students for ARC 3.o	
11	31.12.2019	ARC 2.o certification test results and ARC 3.o registrations	Attached test results and attached list of projects.
12	30.09.2019	Material purchased to construct robot cabins	
13	27.09.2019	Request letter placed for the purchase of material	
14	18.09.2019	List of registered students for ARC 2.o	

ARC /
20


Lab In-charge


Head of the Department
Mechanical Engineering



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DEPARTMENT OF MECHANICAL ENGINEERING

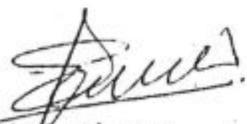
APPLIED ROBOTIC CONTROL LABORATORY

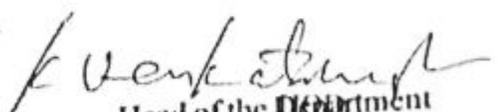
Activities 2020-21

S.No.	Date	Particular	Remarks
1	19.10.2021	List of students enrolled in the program	Attached list
2	11.10.2021	IES issued mandatory ARC Lab requirements	
3	30.09.2021	Notice circulated in Mech./EEE/ECE branches.	
4	29.09.2021	Zoom meeting conducted regarding next cycle commencement of ARC advanced certification on Emerging Technologies.	Provided registration link and presentation, execution plan for the program and attached temp-let.
5	15.10.2020	Distribution of Royal Enfield and DSG Kia offer letters to the selected students.	Royal Enfield on 20.10.2020. DSG Kia on 27.10.2020.
6	20.10.2020	Issued letter of appreciation	
7	06.10.2020	Gentle Reminder for ARC further proceedings documents	Documents submitted
8	30.09.2020	APSSDC had announced the termination of the collaboration with ECM	ECM was trying to get collaboration with APSSDC
9	16.09.2020	Declared ARC 3.0 Assessment Results of 8 students	All pass

ARC

6


Lab. In-charge


Head of the Department
Mechanical Engineering

Estd. 1989

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ELURU - 534 007, West Godavari Dist., A.P., INDIA

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FAX : (08812) 224193
Email : principal.sircrrengg@gmail.com

Ref. No.

21.10.2022

Date :

To Whom It May Concern

Sub: Appreciation on successful conduction of APSSDC certification program "Advanced Certification on Emerging technologies"

Dear Sir,

We are delighted to execute the APSSDC certification program "Advanced Certification on Emerging technologies" organised by Indo Euro Synchronization. Our institution faculties and students participated actively and gained very good knowledge through this program. These kinds of programs are useful to bring Industry-academia interaction. We wish to continue and participate in the coming cycles.

Students have a lot of interest in these new technologies, even though they come forward to take the courses with total dedication. We wish you could consider our request and continue this initiation at our college further Center.

We also like to invite any initiations related to Electronics/Mechatronics/Automation/Industry 4.0 in order to utilize the resources effectively and to give value addition to our students along with regular academics.

Thank you,

Yours Sincerely,

Principal

Sir C.R.R.College of Engineering
ELURU - 534 007



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FAX : (08812) 224193
Email : principal.sircrrengg@gmail.com

Ref. No.

Date :.....21st Oct 2022.....

Advance Certification on Emerging Technologies

Sub: Advance Certification on Emerging Technologies Course Completion and Attendance report

Dear Sir,

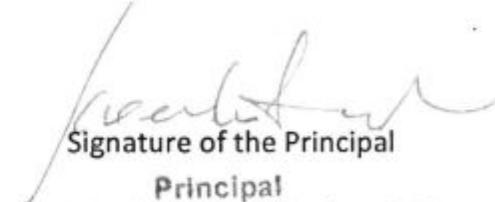
With reference to the captioned subject, we would like to inform you that our centre successfully participated and completed a course on "Advance Certification on Emerging Technologies" and confirmed to you that all three modules mentioned (Online) have been delivered and completed to the students. The final session was delivered on **21st October 2022** respectively.

A total of 130 students have registered from our institution and their details are already submitted. All the students achieved full attendance for both online and offline sessions, by attending in scheduled time or sometimes repeating through their LMS if they missed the assigned slot.

We would also like to confirm that the study materials and video recordings of the sessions have been circulated among the students. The ARC faculty members have been in constant touch with the students to clarify doubts and topics from the sessions missed, if any. Also, the Advance Certification on Emerging Technologies has been kept accessible to the students for self-learning and practice.

Submitted for kind information and necessary processes.




Signature of the Principal
Principal
Sir C.R.R.College of Engineering
ELURU - 534 007

Estd. 1989

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FAX : (08812) 224193
Email : principal.sircrrengg@gmail.com

Ref. No.

Date :29.08.2022.....

Advance Certification on Emerging Technologies COMMENCEMENT Letter

Sub: Commencement of the Advance Certification on Emerging Technologies

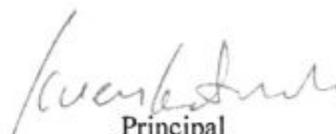
Dear Sir,

With reference to the captioned subject, we herewith confirm that IES has commenced Advance Certification on Emerging Technologies for our 130 students belonging to this institution.

We here convey that the Advanced certification on Emerging Technologies course was commenced on **29th August 2022** under APSSDC-IES initiative.

Submitted for kind information and necessary processes.




Principal
Principal
SIR C.R.R. COLLEGE OF ENGINEERING
ELURU - 534 007



Dear Professor,

Mr. E.Venkateswara rao,
Assistant Professor
Department of Mechanical Engineering
Sir C R Reddy College of Engineering

We would like to formally and sincerely express our gratitude for the amazing work your support in executing **ARC - Advanced certification on Emerging technologies-2022** course and taking over as the **Faculty Coordinator** for the course was a next level of responsibility and leadership and you performed exceptionally well organizing the students teams from Mech / ECE/EEE, from Registrations, course engagement and till delegating tasks and overseeing the entire project to successful completion.

Your ability to work through unforeseen challenges and collaborate so well with the rest of the team is impressive and shows exceptional critical thinking skills and a true dedication to Indo-Euro Synchronization.

Once again, we appreciate and thank you for working so diligently and helping lead your student's team to success! We look forward to seeing your future achievements in our IES cluster activities

Thanking you.

Mr. Raj Vangapandu

CEO

Indo-Euro Synchronization

SIR C R REDDY COLLEGE OF ENGINEERING, ELURU.
APPLIED ROBOT CONTROL LABORATORY

NOTICE

Date: 03.09.2022

ARC – Certification on Emerging Technologies Course was commenced on 29.08.2022. The eligible students are 3rd and 4th year **Mech./ECE/EEE/Automobile/Instrumentation** engineering students having 65 percentages.

The last date for making the payment and enrolling for the course is **Monday, 5th September 2022**. Course plan is attached to this notice.

Kindly follow the below link to register and payment for ACET - 2022.

<http://arclabsgermany.com/>

ARC Spoc



principal
Principal
SIR C.R.R. COLLEGE OF ENGINEERING
ELURU -534 007

Copy to:

ECE

Mech.

EEE

[Signature]

[Signature]

[Signature]

Advance Certification on Emerging Technologies International Internship Month Plan - 2022

S.No	Training Resources	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
1	Robotics & Industry 4.0 Prof. Starke	29th Aug 2022	30th Aug 2022	31st August 2022	1st Sep 2022	2nd Sep 2022	3rd Sep 2022	
		Topic: Introduction *Mechatronics and Robotics - key technologies of modern Industrial Automation. *Historical background of Industrial Robot technology *Mechanical design of IR *Kinematics of IR	Topic: Industrial Robots: *Drive Systems *Servo technology Power *Transmission *Motion control	Ganesh Chaturthi Holiday	Topic: Robot Control technology and system architectures *Programming of Industrial robots online & offline mode, *Robot programming languages *Motion & path planning (PTP; CP and Spline mode, transformations)	Topic: Application of Industrial Robots (selected appl. areas) *Handling, welding, assembly, inspection *Economic aspects, safety aspects *Robot performance *Research trends	Industry Talk	
		Assignment /Projects Tasks will be provided based on the above learnings which will be expected to implement in the following weeks. (This can be decided by the student's own availability on daily basis)						
		5th Sep 2022	6th Sep 2022	7th Sep 2022	8th Sep 2022	9th Sep 2022	10th Sep 2022	
		Self-learning/ assignment	Self-learning/ assignment	Self-learning/ assignment	Task explanation by IES trainer	Self-learning/ assignment	Task explanation by IES trainer	
		12th Sep 2022	13th Sep 2022	14th Sep 2022	15th Sep 2022	16th Sep 2022	17th Sep 2022	
		Self-learning/ assignment	Self-learning/ assignment	Self-learning/ assignment	Task explanation by IES trainer	Self-learning/ assignment	Industry Talk	


 Prof. Starke
 S.R. S.R. COLLEGE OF ENGINEERING
 ELURU-534 017

S.No	Training Resources	Monday 19 th Sep 2022	Tuesday 20 th Sep 2022	Wednesday 21 st Sep 2022	Thursday 22 nd Sep 2022	Friday 23 rd Sep 2022	Saturday 24 th Sep 2022
2	PLC - Project based learning by FESTO	Topic: Industrial Automation *Introduction to Industrial automation, *Relays, Actuators, Sensors & control.	Topic: PLC *Introduction to PLC *Understand PLC construction, working.	Topic: PLC *Installation & configuration of CoDeSys PLC software. * CoDeSys software Introduction & First Steps.	Topic: PLC Programming * Devising logic control program *Bit logic program *CoDeSys PLC Programming & Simulation Visualisation function.	Topic: PLC Programming * Devising logic control program *Bit logic program *CoDeSys PLC Programming & Simulation Visualisation function.	Topic: PLC Programming *Devising logic using standard functions blocks *PLC Programming & Simulation Visualisation function
		Assignment /Projects Tasks will be provided based on the above learnings which will be expected to implement in the following weeks. (This can be decided by the student's own availability on daily basis)					
		26 th Sep 2022	27 th Sep 2022	28 th Sep 2022	29 th Sep 2022	30 th Sep 2022	1 st Oct 2022
		Self-learning/assignment	Self-learning/assignment	Self-learning/assignment	Task explanation by IES trainer	Self-learning/assignment	Industry Talk
		3 rd Oct 2022	4 th Oct 2022	5 th Oct 2022	6 th Oct 2022	7 th Oct 2022	8 th Oct 2022
Self-learning/assignment	Self-learning/assignment	Self-learning/assignment	Task explanation by IES trainer	Self-learning/assignment	Self-learning/assignment		

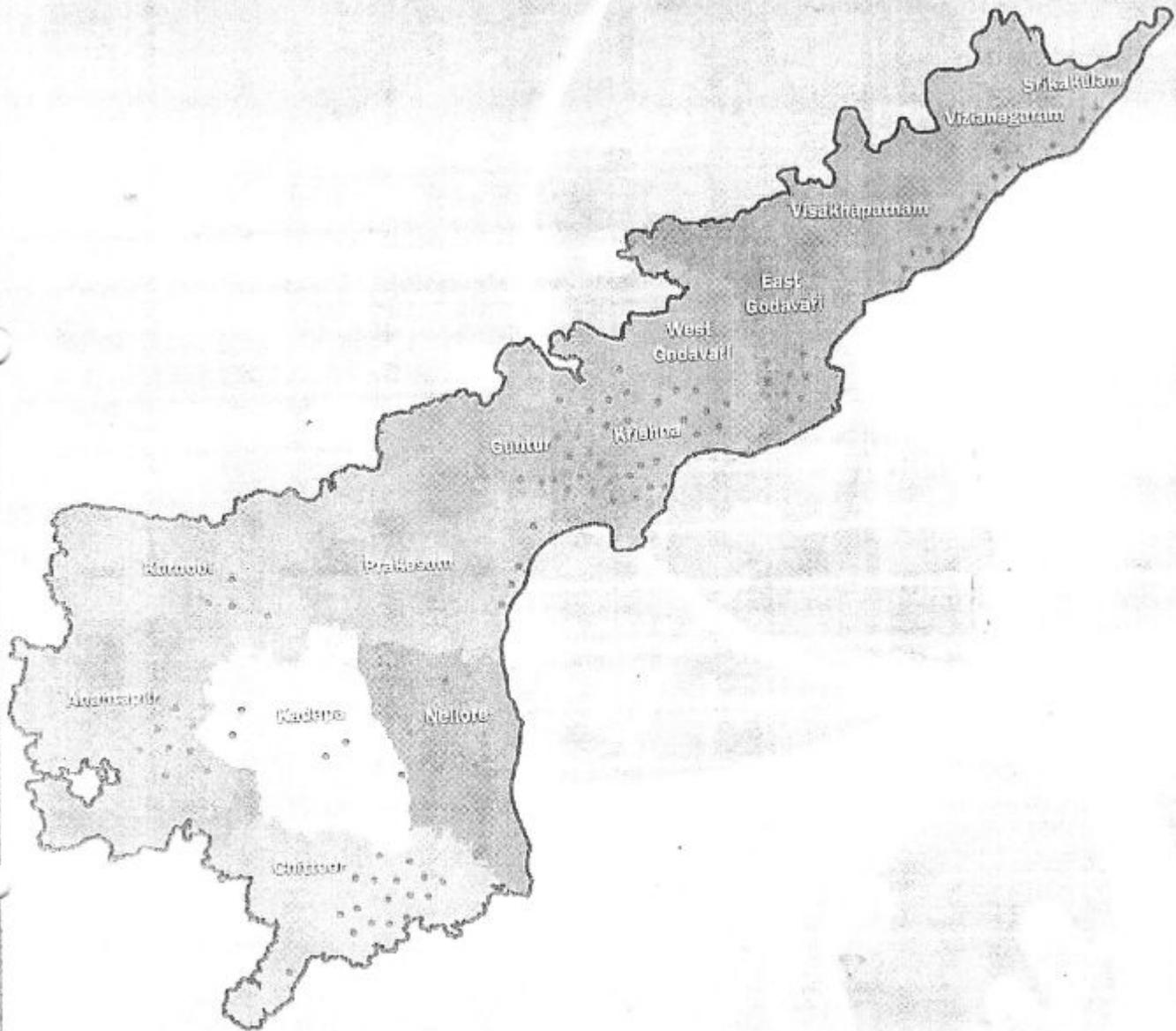
S.No	Training Resources	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
3	ROS Programing FH Aachen University	10 th Oct 2022	11 th Oct 2022	12 th Oct 2022	13 th Oct 2022	14 th Oct 2022	15 th Oct 2022	
		<p style="text-align: center;">ROS Programming and Applications (Content of the module will be shared by understanding the evaluation and output of the module one which is delivered in the Robotics & Industry 4.0)</p>						Industry Talk
		Assignment /Projects Tasks will be provided based on the above learnings which will be expected to implement in the following weeks. (This can be decided by the student's own availability on daily basis)						
		17 th Oct 2022	18 th Oct 2022	19 th Oct 2022	20 th Oct 2022	21 st Oct 2022	22 nd Oct 2022	
		Self-learning/ assignment	Self-learning/ assignment	Self-learning/ assignment	Task explanation by IES trainer	Self-learning/ assignment	Task explanation by IES trainer	
		24 th Oct 2022	25 th Oct 2022	26 th Oct 2022	27 th Oct 2022	28 th Oct 2022	29 th Oct 2022	
Self-learning/ assignment	Self-learning/ assignment	Self-learning/ assignment	Task explanation by IES trainer	Self-learning/ assignment	Self-learning/ assignment			


 Principal
 SIR C.R.R. COLLEGE OF ENGINEERING
 ELURU - 534 007

II.AWS SKILL DEVELOPMENT CENTRE



CHIEF MINISTER'S SKILL EXCELLENCE CENTER



Andhra Pradesh State Skill Development Corporation
Department of Skill Development, Entrepreneurship & Innovation, Govt. of Andhra Pradesh
3rd floor, G&J Infra Building, Tadeipalli, Andhra Pradesh 522501



Website: www.apssdc.in

Toll Free: 1800-425-2422



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DEPARTMENT OF INFORMATION TECHNOLOGY

Amazon Web Services Lab

S.No	Facility Name	Details	Reasons for creating facility	Utilization	Area in which students are expected to have enhanced learning	Relevance to POs/PSOs
1	AWS laboratory (APSSDC)	37-laptops, Model-(Acer Laptop: Intel Corei5-7200U@2.5G Hz (Turbo Boost Upto 3.1 Ghz), 3MB Cache, 2-core,500GB SATA 16 GB DDR4 RAM with Wi-Fi facility	Exchanging of expertise by means of Guest Lectures, Technical Seminars, Workshops and other events.	During Workshops organized under APSSDC, and during projects by students.	Expertise in the areas of Cloud Computing, Android App development for the benefit of the faculty and students to bridge the gap between academics and industry needs	PO1, PO3, PO5, PO11, PSO2


HEAD OF THE DEPARTMENT
Information Technology
SIR C.R. REDDY COLLEGE OF ENGINEERING
ELURU-534007



Chief Minister's Skill Excellence Center



Amazon Web Services
AWS



GPS Map Camera

West Godavari, Andhra Pradesh, India

M2VX+GW4, Andhra Pradesh 534007, India

Lat 16.693729°

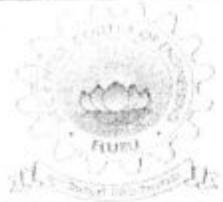
Long 81.049969°

26/11/2019 02:29 PM

Immaculate Conception Church

Google





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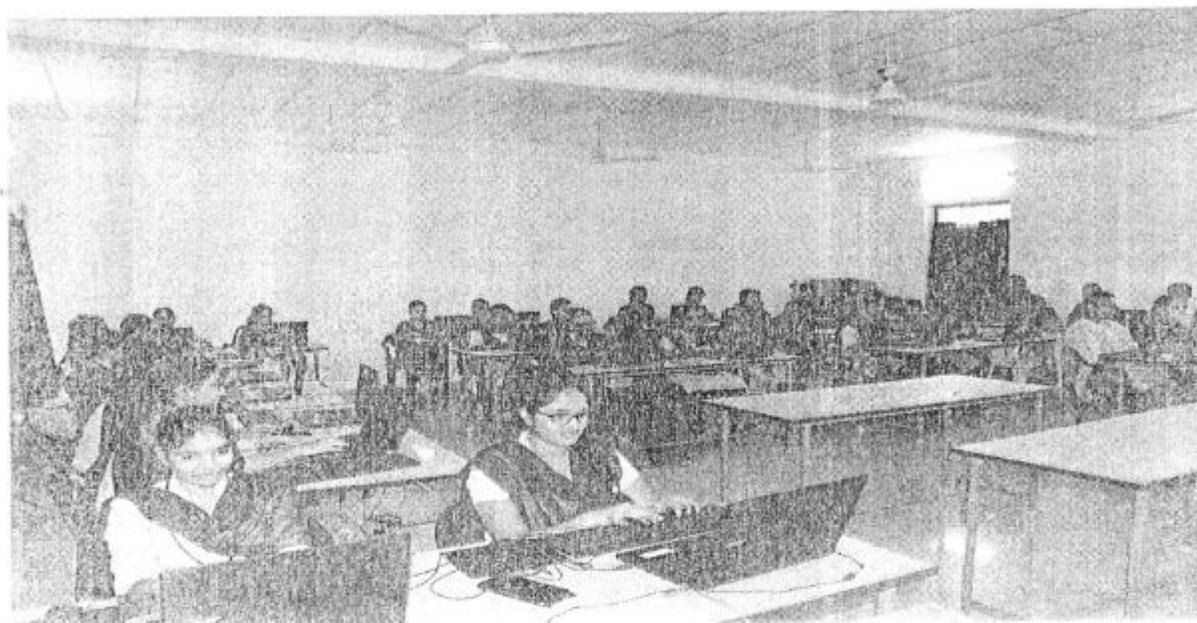
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DEPARTMENT OF INFORMATION TECHNOLOGY

Students Utilizing AWS Lab:





CHIEF MINISTER'S SKILL EXCELLENCE CENTER



MEMORANDUM OF AGREEMENT (MoA)

BETWEEN

ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION

AND

**Sir CR Reddy College of Engineering,
Eluru**

Skill Development, Entrepreneurship & Innovation Department
(SDE&I. Dept.), Government of Andhra Pradesh.

22 JUL 2019
VY
Sub-Registrar
Ex-Officio Stamp Vendor
Vatluru

AGREEMENT BETWEEN

**ANDHRA PRADESH STATE SKILL DEVELOPMENT
CORPORATION**

AND

SIR CR REDDY COLLEGE OF ENGINEERING

ELURU

The Agreement is executed on this _____ day of _____ 2019 (Effective Date) by and between,

Andhra Pradesh State Skill Development Corporation, having its Corporate Office at D.No.78/2, G&J Infra Infosight Building, Near Pathuru Junction, Tadepalli - 522501 herein referred to as "APSSDC" (which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and assigns) represented by its Authorized Signatory of the first part;

And

SIR CR REDDY COLLEGE OF ENGINEERING having its corporate office at Vatluru, Peddapadu, Near Bypass Road, Eluru, West Godavari , Andhra Pradesh 534007 herein after called **CRR CE, Eluru** (which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and assigns) represented by the **CHAIRMAN** of the second part;

APSSDC and College shall herein after be collectively referred to as Parties and individually as first/second Party.

WHEREAS:

APSSDC is a unique organization formed as a public private partnership (PPP) corporation to promote skill-development & entrepreneurship in the state of Andhra Pradesh. APSSDC is the Executive Agency for the Department of Skill Development, Entrepreneurship and Innovation, Govt. of Andhra Pradesh (GoAP) serving the important task of providing high quality skilled manpower as part of the Knowledge and Skills Mission of GoAP. The main objective of the Corporation is to implement a structured and pragmatic solution to skill & upskill the workforce in the State of Andhra Pradesh and to increase employability and promote entrepreneurship in sync with Industrial growth of the State. The process of developing large pool of skilled manpower has been envisaged in partnership with industry to make the skill development mission more industry relevant and self-sustainable. In the process of achieving these goals, the GoAP has



M. B. S. V. Purna

incorporated APSSDC as a special corporate which shall strive for the appropriate and demand driven Skill Development.

APSSDC in its several meetings have discussed and decided to achieve the goal of skill development with participative approach of the stakeholders' viz. the Government, Industry, academic institutions, youth and all other stakeholders. This participative approach will go a long way in accomplishing the task in economical, appropriate proportions with relevance in the shortest period. The APSSDC would provide the extra infrastructural requirements at the selected academic institutions in order to extend the skilling activities and thus realizing the objectives of APSSDC. In this process, the APSSDC has selected some of the leading Engineering Colleges/Govt. Polytechnics/Industry associated training institutions for providing the additional infrastructural facilities required for running the Skill Development programs.

APSSDC and the College/ Institution which is selected for **CM's Skill Excellence Center (SEC) - ICT Lab** have mutually discussed and agreed to enter into this agreement as detailed hereinafter.

NOW, THEREFORE, in consideration of the mutual promises contained herein and other good and valuable consideration, the receipt of which is hereby acknowledged, the parties agree as follows:

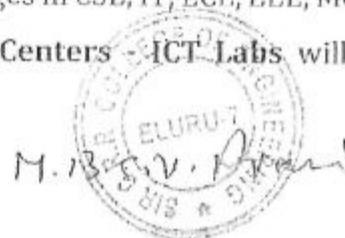
2.1 DEFINITIONS:

In this Agreement, the following expressions shall have the meaning stated herein:

"**Agreement**" shall mean this agreement executed between APSSDC and College and shall include any written modifications thereof and the schedules attached hereto.

"**Applicable Law**" shall mean all the laws national and international, enacted or brought into force as the case may be and enforced by the GoI or GoAP as the case may be, and the regulations and notifications made there under and judgments, decrees, injunctions, writs and orders of any court of record, as may be in force and effect.

"**CM's Skill Excellence Centre - ICT Lab**" shall mean multi-skill focused Centres of Excellence (CoE) at reputed Engineering Colleges in CSE, IT, ECE, EEE, Mechanical and Civil streams. These **CM's Skill Excellence Centers - ICT Labs** will be selected,



established and implemented by APSSDC in active collaboration and assistance from the host College, as per the terms of this Agreement.

"GoAP" means the Government of Andhra Pradesh and its concerned department, Skill Development Entrepreneurship & Innovation.

"Equipment" means/includes Laptops, Projector, Wi-Fi routers, Audio system

3. SCOPE OF SERVICES / PROJECT

- a. To make qualitative improvements in imparting Technical Skills by setting up or providing:
 - Infrastructure in college laboratories by adopting latest technologies in engineering streams of CSE, IT, ECE, EEE, Mechanical and Civil to serve the needs of the industry;
 - Skill up-gradation of faculty by imparting training;
 - CM's Skill Excellence Centre - ICT Labs to focus on training students in line with the latest Industry needs and make them more employable
- b. **Promote Industry** – Academia interfacing to make improvements in Technical Skills sustainable and in line with Industry requirements.
- c. **Train students to improve employability** - Improved placements of students in colleges and enable the students to compete and succeed in national employment market with better remuneration and professional growth.
- d. Create a pool of skilled manpower to cater to the current and future industrial and service sector needs.
- e. Follow Guidelines and procedures prescribed / as may be prescribed from time to time by APSSDC for implementation.

4. SCOPE OF THE FIRST PARTY

The APSSDC shall

- Select reputed academic/Industrial Training Institutions through a stipulated procedure;
- Provide a platform for registration of trainees online and mapping of institutions and students;



- Provide equipment with latest technology to fill up the gap required to suit the skill development training requirements -laptops (as per the configuration given in Annexure I);
- Prepare over all calendar programs and communicate to Second Party;
- Train the faculty in the requisite and relevant skill;
- Exercise its right to cancel the permission now granted to the institutions in the event of not fulfilling their obligations.

5. SCOPE OF THE SECOND PARTY

The College shall:

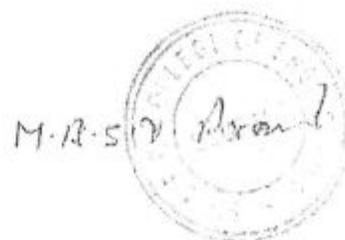
- Provide a minimum of 750 sq.ft area for setting up the lab;
- Make available the necessary infrastructure as per the project specifications including electrical fittings, electricity and Power backup, water, furniture and fixtures and Air-conditioning;
- Provide adequate security: The College is responsible and accountable for the safety of the lab equipment;
- Ensure internet connectivity of 150Mbps bandwidth;
- Mobilize faculty and students of the college/institution for trainings and Certification;
- Make necessary efforts and ensure maximum participation of students belonging to Scheduled Caste (SC) and Scheduled Tribe (ST) Categories
- Appoint a Centre Coordinator as Single point of contact person (SPOC) for handling all administrative and programme related activities for smooth functioning of the Centre;
- Ensure to mark the daily attendance of candidates in the suggested mode (manual or bio metric or iris scan);
- Make a commitment on the count of faculty and students for APSSDC Training programs as mentioned - **50% of annual intake / students on rolls** - for participation in APSSDC programs like Workshops, online programs, Certification programs, any other programs announced by APSSDC from time to time out of which 50% students are to get certified from the Globally recognized MOOCs;



- Allow at least 50% of intake capacity to students of other colleges with residential facilities (100 boys & 50 girls at nominal cost) i.e., food & accommodation.
- Provide Food and accommodation for 5 mentors (boy / girl) deputed by APSSDC to the college to co-ordinate and execute the APSSDC programs without any charges;
- Setup one Skill Development Center lab and equip it on the lines of CM's SEC for APSSDC training exclusively;
- Have to bear the maintenance cost of equipment at the college after the warranty lapses

Compliances:

- **KPIs** – Key Performance Indicators (KPIs) will be developed in mutual consultation with colleges and APSSDC.
- **Monitoring:** The activities of CM's Skill Excellence Centers - ICT Labs shall be regularly monitored through an IT monitoring system at APSSDC on a real time basis and also through the monitoring committee of APSSDC.
- **Management Information System:** All reports and documents relating to progress of the students on rolls, Accounts, Audit and Annual Work Plan, as specified at such frequency as may be required by 'THE FIRST PARTY' are to be submitted through MIS.
- Details of Data of Number of students passed out, placed (Trained for Employability), and unplaced on year-on-year basis.
- Institutions will face punitive action amounting to withdrawal of allotment of Centre given under this Project if it is found that the college:
 - ❖ Is Charging capitation fee or indulging in any other malpractice
 - ❖ Provided false data in their reports
 - ❖ Is Unable to achieve targets set by APSSDC/themselves in Proposals consistently
 - ❖ Violated any of the terms and conditions of this Agreement



6. REVENUE GENERATED

The Revenue generated from the programs being implemented by APSSDC will be the sole income of APSSDC as per the Course wise fee structure provided at Annexure -II which may be periodically updated as and when required.

7. BREACH OF AGREEMENT & REMEDIAL PERIOD

APSSDC shall have the right to terminate this Agreement without assigning any reasons by giving prior written notice of 60 (Sixty) days through its authorized signatory. Without prejudice to the above, either Party may terminate this Agreement by giving 30 (Thirty) days' written notice through its authorized signatory in the event of any material breach of any of the material terms of this Agreement by the other Party. The non-defaulting party shall first serve a written notice of its intention to terminate this Agreement to the defaulting party highlighting the material breach and giving the defaulting party a period of 30 days or such extended period as may be mutually agreed to within which to remedy the material breach. If such event of a material breach remain unresolved/unrectified within the said notice period of 30 days or such extended period as may be mutually agreed to, the non-defaulting shall be able to terminate the Agreement forthwith.

8. CONFIDENTIAL INFORMATION

Each Party may disclose Confidential Information:

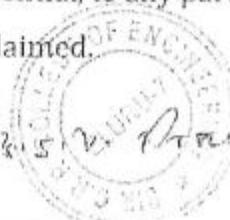
- a) to the extent to which it is required to be disclosed pursuant to Applicable Law;
- b) to the extent to which it is specifically permitted by the other Party in writing;
- c) to the extent that the Confidential Information is publicly available and
- d) to its employees and professional advisors, but only to the extent necessary and subject to such employees and professional advisors accepting an equivalent confidentiality obligation to that set out in this Clause Confidentiality.

9. LIMITATION OF LIABILITY

Except as agreed and provided under this Agreement, neither of the Parties shall be liable to bear or pay any damages arising out of loss of income, loss of profit, special, incidental, indirect, punitive, exemplary or consequential, to any party including third parties, and all such damages are expressly disclaimed.



6



10. DISPUTE RESOLUTION

The Parties shall endeavor to resolve all or any dispute or difference arising out of or in connection with this Agreement, amicably within 30 days of notice in writing being issued by the non-defaulting party to the defaulting party indicating such dispute or difference. In case no amicable solution is arrived between the Parties within the said 30 days, then such dispute/s shall be settled through Arbitration as per the provisions of the Arbitration and Conciliation Act, 1996 as amended from time to time. The arbitration shall be done by Sole Arbitrator appointed by APSSDC. The written award of the Arbitrator shall be final and binding on all the Parties. The seat and venue for the arbitration proceedings shall be at Vijayawada, Andhra Pradesh.

11. FORCE MAJEURE

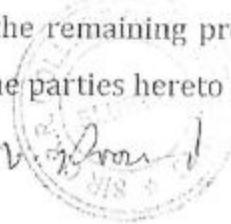
If the performance of any part of this Agreement by parties is prevented or delayed by acts of civil or military authority, flood, fire, epidemic, war or riot, or other acts beyond the reasonable control of either party, the party affected shall be excused from such performance only during the continuance of any such event.

Where a Party is claiming suspension of its obligations on account of Force Majeure, it shall promptly, but in no case later than five (5) days after the occurrence of the event of Force Majeure, notify the other Party in writing giving full particulars of the Force Majeure, the estimated duration thereof, the obligations affected and the reasons for its suspension.

The Party asserting the claim of Force Majeure shall have the burden of proving that the circumstances constitute valid grounds of Force Majeure under this clause and that such Party has exercised reasonable diligence and efforts to remedy the cause of any alleged Force Majeure. If the parties are unable in good faith agree that a Force Majeure event has occurred, the Parties shall submit the dispute for resolution pursuant to clause 10 hereof provided that the burden of proof as to whether a Force Majeure event has occurred shall be upon the Party claiming a Force Majeure event.

12. SEVERABILITY

If any provision or provisions of this Agreement shall be held to be illegal, invalid or unenforceable, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired there by and the parties hereto agree to



replace the illegal or unenforceable provisions with valid provisions which are as close as possible to the illegal or unenforceable provisions in their respective meaning, purpose, and commercial effect within reasonable time.

13. NOTICE

13.1. Any notice or other document to be given under this Agreement shall be in writing and shall be deemed to have been duly given if left at or sent by:

- (a) hand; or
- (b) registered posts; or
- (c) facsimile or other electronic media;

to the other party at the following addresses and/or telecommunication number or such other addresses as the party may from time to time designate by written notice to the other(s):

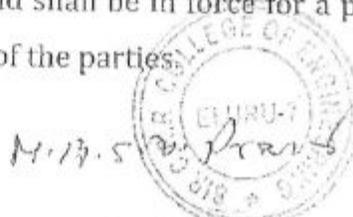
APSSDC Andhra Pradesh State Skill Development Corporation
Door No. 78/2, G&J Infra Infosight Building,
Near Pathuru Junction, Tadepalli - 522501

College/
Institution SIR CR REDDY COLLEGE OF ENGINEERING
Vatluru, Peddapadu, Near Bypass Road, Eluru,
West Godavari, Andhra Pradesh 534007

13.2. All such notices and documents shall be in the English language. All notices or other documents shall be deemed to have been received by the addressee in the case of dispatch by post, five (5) working days following the date of dispatch of the notice or document and in the case of dispatch by hand or by facsimile or other electronic media, simultaneously with the delivery or transmission (as the case may be). To prove the giving of a notice or other document it shall be sufficient to show that it was dispatched in accordance with the provisions of Clause 13.1 hereof.

14. PERIOD OF VALIDITY

This Agreement is effective from _____ and shall be in force for a period of three years, unless terminated by mutual consent of the parties.



15. GOVERNING LAW AND JURISDICTION

This Agreement shall be governed and construed in accordance with the laws of India and subject to the arbitration clause mentioned above, the courts of Andhra Pradesh shall have the jurisdiction to entertain any dispute or suit arising out of or in relation to this Agreement.

16. PUBLICITY

Neither party shall make any public disclosure, except as may be required by applicable law, relating to discussions and or terms related to this Agreement, without obtaining the prior written consent of the other party. Either party shall not use and shall not let their employees, agents and subcontractors from using the name, trademark or logo of other party in any sale, marketing publication, advertisement, or other publication. Either party shall not make, or let its employees, agents or subcontractors make, any public statement relating to the other party.

17. RELATION OF THE PARTIES

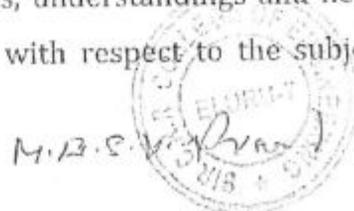
Nothing herein shall be construed to neither constitute a partnership between the parties hereto nor to authorize the College save and except as provided herein or with the APSSDC's prior consent in writing, for making any representation.

18. MODIFICATION, AMENDMENT, SUPPLEMENT OR WAIVER

No modification, amendment, supplement to or waiver of this Agreement or any of its provisions shall be binding upon the parties hereto unless made in writing and duly signed by the authorized representative of the party against whom enforcement thereof is sought. Any failure or delay of any party to this Agreement to enforce at any time any of the provisions of this Agreement or to exercise any option which is herein provided, or to require at any time performance of any of the provisions hereof, shall in no way be construed to be a waiver of such provisions of this Agreement.

19. ENTIRE AGREEMENT

This Agreement together with all Appendices, Attachments and Addenda attached hereto constitute the entire agreement between the parties and supersedes all previous agreements, promises, representations, understandings and negotiations, whether written or oral, between the parties with respect to the subject matter hereof.



20.ASSIGNMENT

The Second Party shall not be entitled to, nor shall it purport to, assign this Agreement, without prior consent of the First Party.

This Agreement is prepared in two originals and each party shall retain one copy. Each copy shall be treated as original when taken separately and shall constitute as one when taken together.

In token of agreement and acceptance hereof by the two parties the authorized representatives of the two parties hereto have affixed their signatures herein below in the presence of witnesses as under:

SIGNED ON BEHALF OF

ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION

Signature: [Handwritten Signature]

(Name: Dr. B Nageswara Rao)



Designation: Executive Director

SIR CR REDDY COLLEGE OF ENGINEERING ,

Vatluru, Peddapadu, Near Bypass Road, Eluru, West Godavari , Andhra Pradesh
534007

Signature: _____

Name: _____



M.B.S.V. Prasad
Designation: CHAIRMAN

Witness

Name: Dr. Gulla Sambhava Rao

Signature: [Handwritten Signature]

Designation: Principal
Principal

SIR C.R.R. COLLEGE OF ENGINEERING
ELURU - 534 007.

Name : Dr. S. Krishna Rao

Signature: [Handwritten Signature]

Designation: Professor + HOD

Dept. of I.T, Sir CRR COE
Eluru.

ANNEXURE-I

Laptops	: 37 No.
Make and Model	: Acer TMP 249-G2-M
Technical Specifications	
Processor	Intel Core i5-7200U Processor @ 2.5 GHz(Turbo Boost Upto 3.1 Ghz), 3MB Cache, 2-cores
Memory	16 GB DDR4 Memory, 2133 MHz
Internal Storage	500 GB SATA
Wireless Connectivity	Integrated wireless & Integrated Blue tooth.
Display Size	14"
Display Resolution	1366 x768
Webcam	Built-in Webcam.
Battery	5 Hrs Backup
VGA Port	Yes
HDMI Port	Yes
USB 2.0 port	1
USB 3.0 port	2
Operating System	BOSS Linux
Keyboard	External;
Mouse	External;

Annexure - II

Details of course wise fee

S No	Programs Offered for ECE, EEE & EIE	Duration	Fee
1	Embedded systems Fundamentals (Embedded C ,8051)	6 Days	150
2	Embedded Systems Advanced (ARM)	3.Days	300
3	Internet of Things (IoT)	1 Week	300
4	PCB (Software)	3 Days	100
5	PCB (Hardware)	3 Days	100
6	Arduino With Scratch	3 Days	100
7	Mathematical Operations With scilab for Engineering Applications	3 Days	100
8	SciLab	3 Days	100
9	PLC	6 Days	300
10	SCADA	6 Days	300

S No	Programs Offered for Mechanical Engineering students	Duration	Fee
1	AUTOCAD	6 days	250
2	CATIA Phase -I (Modelling)	6 days	250
3	CATIA Phase - II (Surfacing)	6 days	250
4	Solid Edge	6 days	250

S No	Programs Offered for Civil Engineering students	Duration	Fee
1	AutoCAD	6 days	250
2	Revit Architecture	6 days	250
3	Revit Structure	6 days	250
4	ETABS	6 days	250

S No	Programs Offered in Gaming : (Computer Engg/ECE students	Duration	Fee
1	Game Development using Buildbox	3 days	100
2	Fundamentals in Game Development using Unity3D & C#	6 days	250

S No	Programs Offered in Amazon Web Services(AWS) for Computer ENGG/ECE students	Duration	Fee
1	Cloud Literacy	1 Day	Free
2	Cloud Computing_101	2 Days	Free
3	ALEXA SKILLS	5 days	100
4	Associate Cloud Architect	5 days	100

S No	Programs Offered in Python for all Engg. Students	Duration	Fee
1	Python Basics	3 Days	150
2	Advanced Python	3 Days	150
3	Applied Data Science foundations	3 Days	150
4	Web Development with Python	6 Days	300

S No	Programs Offered in Problem Solving & Programming	Duration	Fee
1	Raptor	3 Days	100
2	Data Structures and Algorithms	6 Days	250
3	Problem Solving Skills Using C	6 Days	250
4	Programming Content & Challenges(Coding Training)	6 Days	250

S No	Programs Offered in Coursera Certifications:	Duration	Fee
1	1. An Introduction to Programming the Internet of Things (IoT) Specialization- Coursera	18 Days	2800
2	2.Development of Secure Embedded Systems Specialization - Coursera	12 Days	
3	Python for Everybody	14 Days	2800
4	Applied Data Science with Python	1 Month	
5	Introduction to C# Programming and Unity , More C# Programming and Unity	12 days	2800



ఆంధ్ర ప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH
16/3/2019

Gutta Sambalivada Rao P. Raghavaiah
Principal Sir C.R. College of Engineering

CH. 062376
K.S. Nageswara Rao
iceered 1 up Vaidya
L No: 25 25 91/987
R.L. No. 05 25 24/2017 2019
ELU VALURU - 534007
Cell : 9985 123259

AGREEMENT BETWEEN
ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION
AMARAVATHI
AND

Sir CR Reddy College of Engineering, West Godavari, Valturu Post Peddapadu Mandal, near bypass road, West Godavari District, Eluru, Andhra Pradesh- 534007 <https://goo.gl/maps/pwNxd1rch2q>

The Agreement is executed on this 29 day of March 2019 (Effective Date) by and between, Andhra Pradesh State Skill Development Corporation having its office at 3rd Floor, G&J Infosight Building, Tadepalli - 522501 hereinafter called the "APSSDC" (which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and assigns) represented by the Executive Director-I of the first part; And Sir CR Reddy College of Engineering having its office at Valturu Post Peddapadu Mandal, near bypass road, West Godavari District, Eluru, Andhra Pradesh 534007 <https://goo.gl/maps/pwNxd1rch2q>, West Godavari herein after called "CRRE" (which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and assigns) represented by the *PRINCIPAL* of the second part;


Principal
SIR C.R.R. COLLEGE OF ENGINEERING
ELURU - 534 007.

- b) registered posts; or
c) facsimile or other electronic media;

to the other party at the following addresses and/or telecommunication number or such other addresses as the party may from time to time designate by written notice to the other(s):

APSSDC : Andhra Pradesh State Skill Development Corporation
3rd Floor, G&J Infosight Building, Tadepalli - 522501

College/ Institution : Sir CR Reddy College of Engineering
West Godavari
Valturu Post Peddapadu Mandal, near bypass road, West
Godavari District, Eluru, Andhra Pradesh 534007
<https://goo.gl/maps/pwNxd1rch2q>

13.2. All such notices and documents shall be in the English language. All notices or other documents shall be deemed to have been received by the addressee in the case of despatch by post, five (5) working days following the date of dispatch of the notice or document and in the case of dispatch by hand or by facsimile or other electronic media, simultaneously with the delivery or transmission (as the case may be). To prove the giving of a notice or other document it shall be sufficient to show that it was dispatched in accordance with the provisions of Clause 13.1 hereof.

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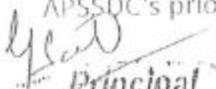
This Agreement shall be governed and construed in accordance with the laws of India and subject to the arbitration clause mentioned above, the courts of Andhra Pradesh shall have the jurisdiction to entertain any dispute or suit arising out of or in relation to this Agreement.

15. PUBLICITY

Neither party shall make any public disclosure, except as may be required by applicable law, relating to discussions and or terms related to this Agreement, without obtaining the prior written consent of the other party. Either party shall not use and shall not let their employees, agents and subcontractors from using the name, trademark or logo of other party in any sale, marketing publication, advertisement, or other publication. Either party shall not make, or let its employees, agents or subcontractors make, any public statement relating to the other party.

16. RELATION OF THE PARTIES

Nothing herein shall be construed to neither constitute a partnership between the parties hereto nor to authorize the Sir CR Reddy College of Engineering save and except as provided herein or with the APSSDC's prior consent in writing, for making any representation.


Principal
SIR C.R.R. COLLEGE OF ENGINEERING

17. MODIFICATION, AMENDMENT, SUPPLEMENT OR WAIVER

No modification, amendment, supplement to or waiver of this Agreement or any of its provisions shall be binding upon the parties hereto unless made in writing and duly signed by the authorized representative of the party against whom enforcement thereof is sought. Any failure or delay of any party to this Agreement to enforce at any time any of the provisions of this Agreement or to exercise any option which is herein provided, or to require at any time performance of any of the provisions hereof, shall in no way be construed to be a waiver of such provisions of this Agreement.

18. ENTIRE AGREEMENT

This Agreement together with all Appendices, Attachments and Addenda attached hereto constitute the entire agreement between the parties and supersedes all previous agreements, promises, representations, understandings and negotiations, whether written or oral, between the parties with respect to the subject matter hereof.

19. ASSIGNMENT

The Second Party shall not be entitled to, nor shall it purport to, assign this Agreement, without prior consent of the First Party.

This Agreement is prepared in two originals and each party shall retain one copy. Each copy shall be treated as original when taken separately and shall constitute as one when taken together.

In token of agreement and acceptance hereof by the two parties the authorized representatives of the two parties hereto have affixed their signatures herein below in the presence of witnesses as under:

SIGNED ON BEHALF OF

ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION

Name: Sri T. Anil Kumar

Signature: _____

Designation: Executive Director-1

Name: Dr. Gupta Sambaliv - Rao

Signature: [Signature]

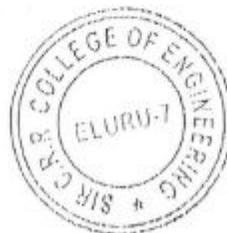
Designation: Principal
SIR C.R. REDDY COLLEGE OF ENGINEERING
ELURU - 534 007.

Witness

Name: Dr. S. Krishna Rao

Signature: [Signature]

Designation: Professor & HOD
Dept. of PT



Name : Y. G. SANKAR

Signature: [Signature]

Designation: Administrative Officer
Administrative Officer
Sir C.R.Reddy College of Engineering
ELURU.

ASCENT E DIGIT SOLUTIONS (P) Ltd
INSTALLATION REPORT

College Name : SIR CR Reddy College of Engineering & Technology

Town : ELURU

District : West Godavari

S.No	Laptop	Keyboard	Mouse
1	UNVE6S1166I0996694	DKUSB1B0DT80305979K801	DC1121100780204C50K701
2	UNVE6S1166I0996897	DKUSB1B0DT803058D0K801	DC11211007802049EEK701
3	UNVE6S1166I0996685	DKUSB1B0DT80305971K801	DC112110078020A523K701
4	UNVE6S1166I0996813	DKUSB1B0DT8030597AK801	DC1121100780204E64K701
5	UNVE6S1166I0996927	DKUSB1B0DT8030597BK801	DC1121100780204E38K701
6	UNVE6S1166I0996570	DKUSB1B0DT803058E0K801	DC112110078020A524K701
7	UNVE6S1166I0996922	DKUSB1B0DT803058DFK801	DC1121100780204E2EK701
8	UNVE6S1166I0996872	DKUSB1B0DT80305994K801	DC1121100780204C65K701
9	UNVE6S1166I0996687	DKUSB1B0DT80305993K801	DC112110078020A381K701
10	UNVE6S1166I0996744	DKUSB1B0DT80305991K801	DC112110078020A500K701
11	UNVE6S1166I0996679	DKUSB1B0DT80305992K801	DC11211007802049A9K701
12	UNVE6S1166I0996928	DKUSB1B0DT80305996K801	DC1121100780204EF9K701
13	UNVE6S1166I0996873	DKUSB1B0DT80305995K801	DC112110078020A4F7K701
14	UNVE6S1166I0996627	DKUSB1B0DT8030599CK801	DC112110078020A369K701
15	UNVE6S1166I0996745	DKUSB1B0DT8030599DK801	DC1121100780204EC9K701
16	UNVE6S1166I0996910	DKUSB1B0DT8030599BK801	DC1121100780204E3DK701
17	UNVE6S1166I0997035	DKUSB1B0DT803059A0K801	DC112110078020A213K701
18	UNVE6S1166I0997052	DKUSB1B0DT8030599FK801	DC1121100780204E48K701
19	UNVE6S1166I0996529	DKUSB1B0DT80305997K801	DC112110078020499FK701
20	UNVE6S1166I0997102	DKUSB1B0DT80305998K801	DC1121100780204C13K701
21	UNVE6S1166I0997096	DKUSB1B0DT8030599FK801	DC1121100780204E25K701
22	UNVE6S1166I0997205	DKUSB1B0DT803059B4K801	DC1121100780204C51K701
23	UNVE6S1166I0997211	DKUSB1B0DT803059B5K801	DC112110077510F3B3K701
24	UNVE6S1166I0997126	DKUSB1B0DT803059BAK801	DC1121100780204E1HK701
25	UNVE6S1166I0996952	DKUSB1B0DT803059B8K801	DC1121100780204E2AK701
26	UNVE6S1166I0997179	DKUSB1B0DT803059BK801	DC112110078020A393K701
27	UNVE6S1166I0996994	DKUSB1B0DT803059BDK801	DC112110078020A2F2K701
28	UNVE6S1166I0996527	DKUSB1B0DT803059C0K801	DC1121100780204991K701
29	UNVE6S1166I0997245	DKUSB1B0DT80100FB3K801	DC112110078020A370K701
30	UNVE6S1166I0997160	DKUSB1B0DT80100FB1K801	DC1121100780204E46K701
31	UNVE6S1166I0996892	DKUSB1B0DT80100FB5K801	DC1121100780204E32K701
32	UNVE6S1166I0890940	DKUSB1B0DT803059BEK801	DC1121100780204E4CK701
33	UNVE6S1166I0996560	DKUSB1B0DT803059BFK801	DC1121100780204C33K701
34	UNVE6S1166I0996584	DKUSB1B0DT803059B9K801	DC112110078020A378K701
35	UNVE6S1166I0996594	DKUSB1B0DT803059BBK801	DC112110078020A3A0K701
36	UNVE6S1166I0996773	DKUSB1B0DT803059B6K801	DC1121100780204E26K701
37	UNVE6S1166I0996670	DKUSB1B0DT803059B7K801	DC112110077510F3A8K701

All the above laptops are installed Successfully and working in Good Condition

Principal Signature with Seal :

HoD Signature

Principal Name :

Principal

HOD Name : Dr. S. Krishna Rao

Contact No : 9966091919

Mail ID : skrao71@gmail.com

APSSDC Fellow Signature:

SPOC Signature :

APSSDC Fellow Name :

M. Suresh

SPOC Name : Dr. S. Krishna Rao

Contact No :

9398153241

Contact No :

9966091919

Mail ID :

Suresh.m@apssdc.in

Mail ID :

skrao71@gmail.com



SIR C.R.

COLLEGE OF ENGINEERING & TECHNOLOGY

ELURU - 517001

APSSDC Fellow Name : M. Suresh

SKILL DEVELOPMENT CENTRE (SDC)

Academic Year 2021-2022

Sr.No	Name	Center	Designation/ Dept.	Position
1.	Dr. K. Venkateswara Rao	--	Principal	Chairman
2.	Dr. K. Rambabu	--	HOD., MECH	Convener
3.	Sri. M. Lakshmi Deepak	Pre – Placement Training	T & P Officer	Member
4.	Sri. E. Venkateswara Rao	<u>APSSDC – ARC Skill Development Center</u> Applied Robotic Control Lab	Asst. Professor, MECH	Member
5.	Dr. K. Satyanarayana	<u>APSSDC – AWS Skill Development Center</u> Amazon Web Services Lab	Assoc. Professor, IT	Member
6.	Dr. M. Srirama Murthy	<u>APSSDC – Siemens Skill Development Center</u> CNC Machines Lab Advanced Welding Lab 4-Wheelers Training Lab 2-Wheelers Training Lab Computer Based Training Lab	Professor, MECH	Member
7.	Dr. M. Veera Kumari	<u>APSSDC – Siemens Skill Development Center</u> Electronics Office Lab Electronics Home Lab	Assoc. Professor, EEE	Member
8.	Dr. K. Lalit Narayana	<u>APSSDC – Dassault Skill Development Center</u> Dassault 3D Experience Lab	Professor, MECH	Member
9.	Sri. K. Miranji	<u>Thinktronics (IOT) Skill Development Center</u> IOT Lab	Asst. Professor, EEE	Member

Learning is the most essential tool to enhance the socio-economic growth of not only an individual but also of the entire nation. The higher education of 21st century faces several challenges in providing skill-centric learning, meeting the needs of the industry and society in the global platform. To confront such challenges, Sir C R Reddy College of Engineering has established Centre for Skill Development in collaboration with APSSDC.

Skills Development Centre aims to upgrade skills to international standards through significant industry participation and develop necessary frameworks of standards for quality assurance. Along with the outstanding academic learning, students in our institution are practically oriented with the different skill sets, bridging the gap between the academics and the industrial, societal needs.

ROLES AND RESPONSIBILITIES

- To ensure overall development of students with the help and support of appropriate skilling mechanisms/methods and modes.
- To achieve and to target the higher and better pay package placements for students in core and allied industries/companies.
- To prepare the students to plan their career in the directions of entrepreneurship, career advancement, and higher skill employability.
- To monitor and assess the student progress since inception of joining and to timely help him to achieve the progressive growth and to reach comparably a significant development with effective professional and enhance their skills in the respective domains.
- To contribute to the Manpower Development of our Nation and to elevate the standards of youth socially and economically.



PRINCIPAL
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SIR C.R.R. COLLEGE OF ENGINEERING
ELURU -534 007

SKILL DEVELOPMENT CENTRE (SDC)

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1.	Dr. G. Sambasiva Rao	--	Principal	Chairman
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[Handwritten Signature]
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ELURU -534 007



SIR C.R.REDDY COLLEGE OF ENGINEERING
ELURU-534007, WEST GODAVARI DIST, A P., INDIA
(Approved by AICTE, New Delhi & Affiliated to JNTU- KAKINADA)
Phone no: 08812-230840, 2300656-Fax: 08812-224193
Visit us at <http://www.sircrrengg.ac.in>

DEPARTMENT OF INFORMATION TECHNOLOGY

LIST OF WORKSHOPS/FDPS CONDUCTED BY APSSDC –AWS LAB

<i>S.NO</i>	<i>DATE</i>	<i>EVENT TITLE</i>	<i>RESOURCE PERSON</i>
1.	18 NOV 2021 TO 20 NOV 2021	3 DAY WORKSHOP ON "CYBER SECURITY"	APSSDC TEAM

<i>S.NO</i>	<i>DATE</i>	<i>EVENT TITLE</i>	<i>RESOURCE PERSON</i>
1.	19 & 20 SEPT 2019	TWO DAY WORKSHOP ON "CLOUD COMPUTING"	APSSDC TEAM
2.	21 JAN 2019 TO 25 JAN 2019	5-DAY ORACLE FACULTY DEVELOPMENT PROGRAM ON "JAVA"	ORACLE TEAM(IN ASSOCIATION WITH APSSDC)

<i>S.N O</i>	<i>DATE</i>	<i>EVENT TITLE</i>	<i>RESOURCE PERSON</i>
1.	9 OCT 2018 TO 11 OCT 2018	3-DAY WORKSHOP ON "GOOGLE ANDROID DEVELOPER"	APSSDC TEAM
2.	19 DEC 2018 TO 22 DEC 2018	3-DAY WORKSHOP ON "CLOUD COMPUTING"	APSSDC TEAM

<i>S.NO</i>	<i>DATE</i>	<i>EVENT TITLE</i>	<i>RESOURCE PERSON</i>
1.	25 OCT 2017 TO 28 OCT 2017	"APP-MANIA"- A 4-DAY WORKSHOP ON MOBILE APPLICATION DEVELOPMENT	APSSDC TEAM

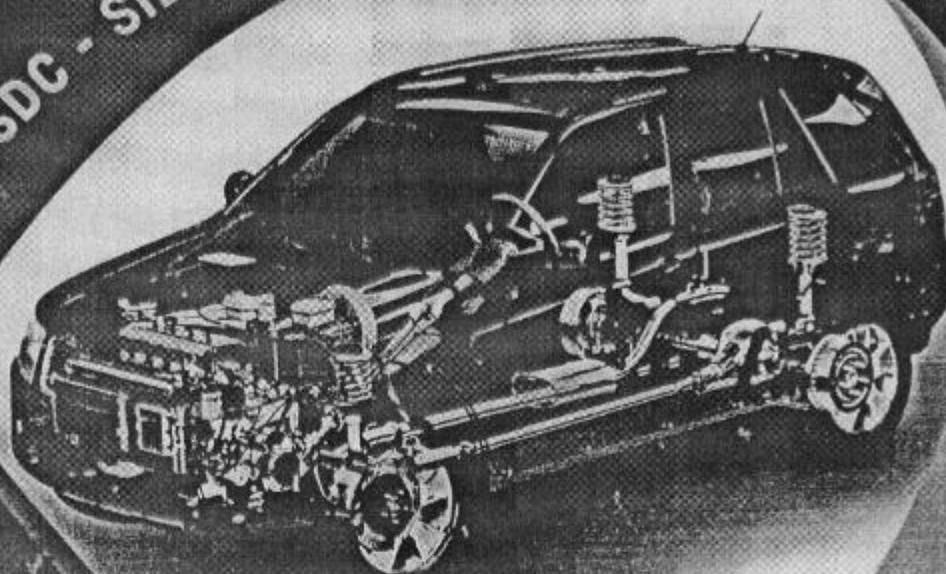
HOD-IT

**III.SIEMENS SKILL DEVELOPMENT
CENTRE-I**



ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION

APSSDC - SIEMENS PROJECT



AUTOMOTIVE 4-WHEELER

COURSE HAND BOOK + PART 1



Skill Development, Entrepreneurship &
Innovation Department (SDE&I. Dept.)
Government of Andhra Pradesh, Amaravati.



**ANDHRA PRADESH STATE SKILL
DEVELOPMENT CORPORATION**

APSSDC - SIEMENS PROJECT

technical Skill Development Institute (t-SDI)

Course Handbook

Automotive 4-Wheeler

Part-1



Department of Skill Development, Entrepreneurship & Innovation

Government of Andhra Pradesh

Amaravati



ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION

APSSDC - SIEMENS PROJECT

technical **S**kil **D**evelopment **I**nstitute (t-SDI)

Course Handbook

Automotive 2-Wheeler

Part-1



Department of Skill Development, Entrepreneurship & Innovation

Government of Andhra Pradesh

Amaravati



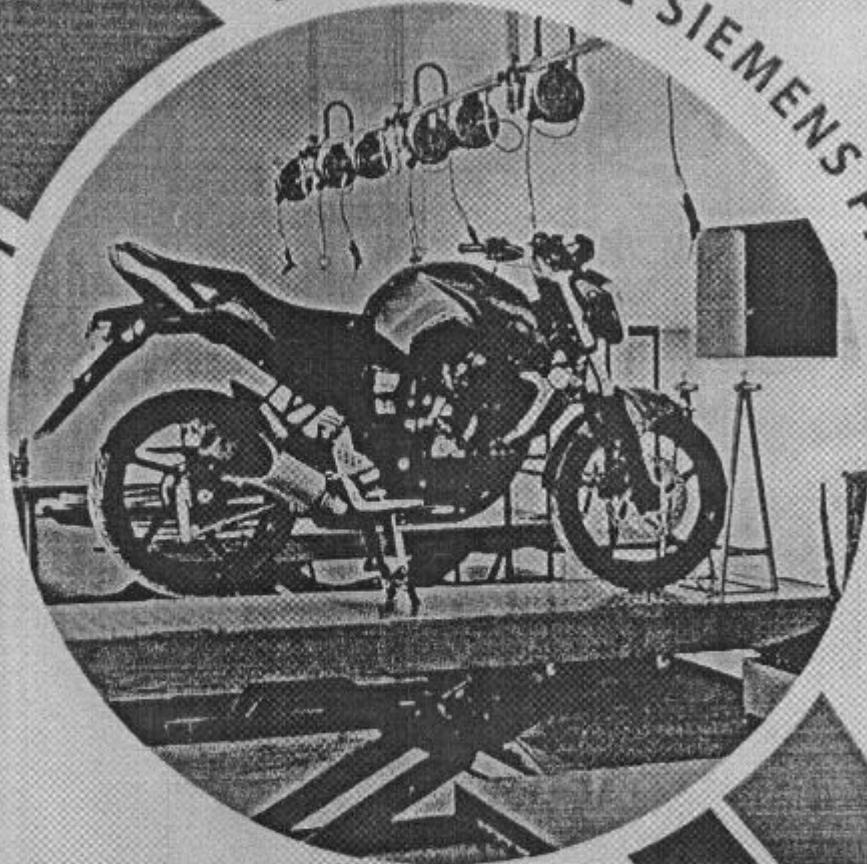
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Unit No.	Unit Name	Pg.No.
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5	AIR INTAKE SYSTEM	27
6	EXHAUST SYSTEM	30
7	LUBRICATION SYSTEM	32
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9	BRAKING SYSTEM	49
10	STEERING SYSTEM	55
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ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION

APSSDC SIEMENS PROJECT



AUTOMOTIVE 2-WHEELER

COURSE HANDBOOK - PART 1



Skill Development, Entrepreneurship &
Innovation Department (SDE&I. Dept.)
Government of Andhra Pradesh, Amaravati.



INDEX

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SIR C. R. REDDY COLLEGE OF ENGINEERING, ELURU
DEPARTMENT OF MECHANICAL ENGINEERING

Siemen's Skill Development Centre

List of major equipment with cost details

CBT LAB

S.No	Major equipment	Qty	Unit cost(Approx)	Total Cost(Approx)
01	Lenovo Computers along with accessories and software's	84 sets	90,000.00	7560000.00
02	Furniture-tables and Chairs	100	1603.00	160300.00

4-W LAB

S.No	Major equipment	Qty	Unit cost(Approx)	Total Cost(Approx)
01	Air compressor	1 SET	49,500.00	49,500.00
02	Cut section models	11	--	2,32,000.00
03	Hydraulic lift	01	190000.00	190000.00
04	Wheel alignment M/c	01set	165000.00	165000.00

2-W LAB

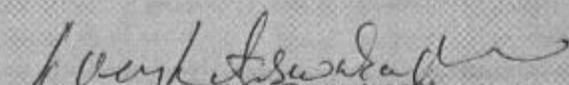
S.No	Major equipment	Qty	Unit cost(Approx)	Total Cost(Approx)
01	Hydroelectric lift	2	22000.00	44000.00
02	Hydraulic power pack	1	20000.00	20000.00
03	Pneumatic hanger	2	14500.00	29000.00
04	Tools trolley	2	11500.00	23000.00
05	Spark plug cleaner & tester	1	10500.00	10500.00

CNC LAB

S.No	Major equipment	Qty	Unit cost(Approx)	Total Cost(Approx)
01	JV 55 vertical machining Centre	1 set	90,00,000.00	90,00,000.00
02	Smarturn CNC lathe	1 set	40,00,000.00	40,00,000.00
03	Air compressor	1 SET	29,000.00	29,000.00

Welding LAB

S.No	Major equipment	Qty	Unit cost(Approx)	Total Cost(Approx)
01	EASYWELD SSR 400-T	2 Nos	9600.00	19,200.00
02	Welding equipment	12 boxes	46475.00	5,57,700.00


Head of the Department
Mechanical Engineering


Dr. M. SRI RAMA MURTHY
PROFESSOR,
Department of Mechanical Engg.
Sir CRR College of Engineering,
VATLUR, W.G.DT, A.P, Pin: 534007

Sir CR Reddy, Eluru - West Godavari

No of students Trained Count Yearwise

S.No	Name of the Laboratory	2018-19		2019-20		2020-21		2021-22		Total
		Hosting	Outside	Hosting	Outside	Hosting	Outside	Hosting	Outside	
1	Auto (2 Wheeler)	0	279	0	545	0	151	177	115	1267
2	Auto (4 Wheeler)	0	302	0	527	0	211	121	147	1308
3	Design/CBT	0	489	0	417	0	0	0	0	906
4	Electronics (Home)	0	279	0	499	62	193	458	361	1852
5	Electronics (Office)	0	278	0	471	0	0	0	0	749
6	Manufacturing (CNC)	0	417	0	542	0	0	0	0	959
7	Manufacturing (Welding)	0	347	0	377	0	0	0	0	724
	Grand Total	0	2391	0	3378	62	555	756	623	7765

2022(APR)-2023(OCT)

Sl No	Training Programme Title	batch code	From date	To date	Resource Person	No. of Students trained		
1	Training on Auto 2-wheeler	CS T11 A2W 153076	21-02-2022	11-03-2022	V RAVI SYAM KUMAR	7		
		CS T11 A2W 154607	14-03-2022	08-04-2022	V RAVI SYAM KUMAR	7		
		CS T11 A2W 155520	21-03-2022	01-04-2022	V RAVI SYAM KUMAR	28		
		CS T11 A2W 156268	11-04-2022	23-04-2022	V RAVI SYAM KUMAR	24		
		CS T11 A2W 160773	01-08-2022	12-08-2022	V RAVI SYAM KUMAR	33		
		CS T11 A2W 162892	01-09-2022	09-09-2022	V RAVI SYAM KUMAR	35		
		CS T11 A2W 162894	12-09-2022	24-09-2022	V RAVI SYAM KUMAR	19		
		CS T11 A2W 164997	10-10-2022	21-10-2022	V RAVI SYAM KUMAR	34		
		Training on Auto 4-wheeler	CS T11 A4W 155425	21-03-2022	01-04-2022	MD RABEANI	25	
			CS T11 A4W 156233	11-04-2022	23-04-2022	MD RABEANI	20	
		2		CS T11 A4W 156248	11-04-2022	23-04-2022	MD RABEANI	7
				CS T11 A4W 157229	25-04-2022	21-05-2022	MD RABEANI	7
				CS T11 A4W 158324	23-05-2022	22-06-2022	MD RABEANI	7
				CS T11 A4W 160901	01-08-2022	13-08-2022	MD RABEANI	17
CS T11 A4W 162272	01-09-2022			09-09-2022	MD RABEANI	27		
CS T11 A4W 163020	12-09-2022			24-09-2022	MD RABEANI	21		
3	Training on Electronics Home	CS T11 ECH 153801	02-03-2022	08-03-2022	K. Sunil Kumar	26		
		CS T11 ECH 153913	02-03-2022	22-03-2022	K. Sunil Kumar	6		
		CS T11 ECH 155439	21-03-2022	26-03-2022	K. Sunil Kumar	33		
		CS T11 ECH 155572	23-03-2022	22-04-2022	K. Sunil Kumar	6		
		CS T11 ECH 155864	28-03-2022	02-04-2022	K. Sunil Kumar	34		
		CS T11 ECH 156159	04-04-2022	13-04-2022	K. Sunil Kumar	35		
		CS T11 ECH 157230	25-04-2022	24-05-2022	K. Sunil Kumar	6		
		CS T11 ECH 157234	02-05-2022	14-05-2022	K. Sunil Kumar	30		
		CS T11 ECH 158090	23-05-2022	04-06-2022	K. Sunil Kumar	30		
		CS T11 ECH 158752	06-06-2022	18-06-2022	K. Sunil Kumar	24		
		CS T11 ECH 160830	01-08-2022	12-08-2022	K. Sunil Kumar	9		
		CS T11 ECH 160821	01-08-2022	12-08-2022	K. Sunil Kumar	12		
		CS T11 ECH 161476	01-08-2022	12-08-2022	K. Sunil Kumar	29		
		CS T11 ECH 162299	01-09-2022	30-09-2022	K. Sunil Kumar	29		
		CS T11 ECH 162961	12-09-2022	19-09-2022	K. Sunil Kumar	30		
		CS T11 ECH 163259	20-09-2022	30-09-2022	K. Sunil Kumar	35		
		CS T11 ECH 164148	01-10-2022	31-10-2022	K. Sunil Kumar	29		
		CS T11 ECH 164302	17-10-2022	22-10-2022	K. Sunil Kumar	30		
		CS T11 ECH 165047	25-10-2022	31-10-2022	K. Sunil Kumar	35		
		Training on Electronics office	CS T11 ECO 158216	25-05-2022	04-06-2022	K. Sunil Kumar	6	
			CS T11 ECO 158865	06-06-2022	18-06-2022	K. Sunil Kumar	6	
			CS T11 ECO 159164	20-06-2022	25-06-2022	K. Sunil Kumar	6	

Dr. M. SRI RAMA MURTHY
 I.R. FESNOR,
 Department of Mechanical Engg.
 Sir CRR College of Engineering,
 VATLUR, W. & J. Dist., Pin. 530017

2019(APR)-2020(MAR)

Sl No	Training Programme	Target Audience	From date	To date	Resource Person	No. of Students benefited		
1	Training on Electronics Office	2nd Year(ECE)	03-07-2019	20-07-2019	K. Sunil Kumar	21		
		2nd Year(ECE)	22-07-2019	09-08-2019	K. Sunil Kumar	25		
		2nd Year(ECE)	26-08-2019	07-09-2019	K. Sunil Kumar	28		
		2nd Year(EEE)	16-09-2019	28-10-2019	K. Sunil Kumar	28		
		2nd Year(EEE)	23-10-2019	05-10-2019	K. Sunil Kumar	23		
		2nd Year(EEE)	20-01-2020	25-01-2020	K. Sunil Kumar	9		
		2nd Year(EEE)	20-01-2020	25-01-2020	K. Sunil Kumar	7		
		1st Year(ECE)	24-02-2020	07-03-2020	K. Sunil Kumar	31		
		1st Year(ECE)	09-03-2020	19-03-2020	K. Sunil Kumar	31		
		2	Training on Electronics Office	2nd Year	03-07-2019	20-07-2019	M. Surya narayana murthy	28
2nd Year	22-07-2019			09-08-2019	M. Surya narayana murthy	30		
2nd Year	26-08-2019			07-09-2019	M. Surya narayana murthy	32		
2nd Year	16-09-2019			28-10-2019	M. Surya narayana murthy	28		
2nd Year	23-10-2019			05-10-2019	M. Surya narayana murthy	30		
2nd Year	20-01-2020			25-01-2020	M. Surya narayana murthy	30		
2nd Year	20-01-2020			25-01-2020	M. Surya narayana murthy	34		
3	Training on Manufacturing CNC			2nd Year	05-08-2019	17-08-2019	K.Lokesh Babu	20
				2nd Year	03-09-2019	13-09-2019	K.Lokesh Babu	24
				2nd Year	23-09-2019	05-10-2019	K.Lokesh Babu	23
		2nd Year	25-11-2019	13-12-2019	K.Lokesh Babu	25		
		4th Year	23-12-2019	04-01-2020	K.Lokesh Babu	32		
		4th Year	20-01-2020	31-01-2020	K.Lokesh Babu	29		
		2nd Year	01-02-2020	15-02-2020	K.Lokesh Babu	16		
		3rd Year	24-02-2020	07-03-2020	K.Lokesh Babu	16		
		3rd Year	09-03-2020	19-03-2020	K.Lokesh Babu	16		
4	Training on Auto 2 wheeler	B TECH 2 ND year	05-08-2019	17-08-2019	V RAVI SYAM KUMAR	22		
		B TECH 2 ND year	26-08-2019	07-09-2019	V RAVI SYAM KUMAR	17		
		B TECH 2 ND year	23-09-2019	05-10-2019	V RAVI SYAM KUMAR	20		
		B TECH 2 ND year	23-12-2019	31-12-2019	V RAVI SYAM KUMAR	14		
		B TECH 2 ND year	06-01-2020	10-01-2020	V RAVI SYAM KUMAR	23		
		B TECH 3 RD year	01-02-2020	07-02-2020	V RAVI SYAM KUMAR	16		
		5	Training on Manufacturing weldin	B TECH 2 nd year	25-11-2019	13-12-2019	A SATYANARAYANA	33
B TECH 2 nd year	23-12-2019			01-04-2020	A SATYANARAYANA	23		
B TECH 2 nd year	01-06-2020			01-10-2020	A SATYANARAYANA	37		
B TECH 2 nd year	27-01-2020			02-08-2020	A SATYANARAYANA	17		
6	Training on Auto 4 wheeler			B TECH 2 ND year	08-05-2019	17-08-2019	MD RABBANI	20
		B TECH 2 ND year	26-08-2019	09-07-2019	MD RABBANI	20		
		B TECH 2 ND year	23-9-2019	10-05-2019	MD RABBANI	20		
		B TECH 2 ND year	01-06-2020	01-10-2020	MD RABBANI	19		
		B TECH 3 RD year	02-01-2020	02-07-2020	MD RABBANI	16		

DR. SRI RAMA MURTHY
 PROFESSOR
 Department of Mechanical Engg

2020(APR)-2021(MAR)

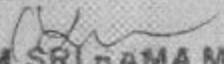
Sl No	Training Programme Title	Target Audience	From date	To date	Resourse Person	No. of Students benifited
1	Training on Electronics Home	2nd Year	01-02-2021	06-02-2021	K. Sunil Kumar	35
		2nd Year	08-02-2021	12-02-2021	K. Sunil Kumar	27
		2nd Year	15-03-2021	20-03-2021	K. Sunil Kumar	25
		2nd Year	22-03-2021	27-03-2021	K. Sunil Kumar	20
		2nd Year	31-03-2021	09-04-2021	K. Sunil Kumar	18

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Dr. M. SRI PAMA MURTHY
 PROFESSOR,
 Department of Mechanical Engg.
 Sir CRR College of Engineering,
 VATLUR, W.G. 75, P.O. Pin. 515007

2021(APR)-2022(MAR)

Sl No	Training Programme Title	batch code	From date	To date	Resourse Person	No. of Students benifited
1	Training on Auto 2 wheeler	C5 T11 A2W 137366	19-07-2021	31-07-2021	V RAVI SYAM KUMAR	16
		C5 T11 A2W 138310	02-08-2021	14-08-2021	V RAVI SYAM KUMAR	14
		C5 T11 A2W 141733	04-10-2021	18-10-2021	V RAVI SYAM KUMAR	31
		C5 T11 A2W 142667	20-10-2021	03-11-2021	V RAVI SYAM KUMAR	25
		C5 T11 A2W 144751	08-11-2021	20-11-2021	V RAVI SYAM KUMAR	25
		C5 T11 A2W 146538	22-11-2021	04-12-2021	V RAVI SYAM KUMAR	15
		C5 T11 A2W 147815	07-12-2021	18-12-2021	V RAVI SYAM KUMAR	10
		C5 T11 A2W 148840	20-12-2021	31-12-2021	V RAVI SYAM KUMAR	13
		C5 T11 A2W 155520	21-03-2022	01-04-2022	V RAVI SYAM KUMAR	28
2	Training on Auto 4 wheeler	C5 T11 A4W 137308	19-07-2021	31-07-2021	MD RABBANI	18
		C5 T11 A4W 138299	02-08-2021	14-08-2021	MD RABBANI	11
		C5 T11 A4W 141719	04-10-2021	18-10-2021	MD RABBANI	11
		C5 T11 A4W 144788	08-11-2021	20-11-2021	MD RABBANI	11
		C5 T11 A4W 146515	22-11-2021	04-12-2021	MD RABBANI	15
		C5 T11 A4W 148522	13-12-2021	24-12-2021	MD RABBANI	15
		C5 T11 A4W 152826	14-02-2022	26-02-2022	MD RABBANI	15
		C5 T11 A4W 155425	21-03-2022	01-04-2022	MD RABBANI	25
3	Training on Electronics Home	C5 T11 ECH 135994	15-04-2021	24-04-2021	K. Sunil Kumar	21
		ONLINE	12-07-2021	23-07-2021	K. Sunil Kumar	72
		C5 T11 ECH 137984	27-07-2021	07-08-2021	K. Sunil Kumar	47
		C5 T11 ECH 138809	09-08-2021	21-08-2021	K. Sunil Kumar	36
		C5 T11 ECH 139333	23-08-2021	28-08-2021	K. Sunil Kumar	20
		C5 T11 ECH 144696	08-11-2021	17-11-2021	K. Sunil Kumar	30
		C5 T11 ECH 145956	18-11-2021	30-11-2021	K. Sunil Kumar	35
		C5 T11 ECH 147024	01-12-2021	15-12-2021	K. Sunil Kumar	40
		C5 T11 ECH 148151	16-12-2021	23-12-2021	K. Sunil Kumar	30
		C5 T11 ECH 151577	01-02-2022	05-02-2022	K. Sunil Kumar	30
		C5 T11 ECH 152333	07-02-2022	11-02-2022	K. Sunil Kumar	30
		C5 T11 ECH 155439	21-03-2022	26-03-2022	K. Sunil Kumar	33
		C5 T11 ECH 155694	28-03-2022	01-04-2022	K. Sunil Kumar	34
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Dr. M. SRI RAMA MUPTHY
 I.R. I.F.E.S.N.R.
 Department of Mechanical Engg.
 Sir CRR College of Engineering,
 VAYALARU, VELLORE DISTRICT, TAMIL NADU.

2022(APR)-2023(OCT)

SI No	Training Programme Title	batch code	From date	To date	Trainer Person	No. of Students trained		
1	Training on Auto 2 wheeler	C5 T11 A2W 153076	21-02-2022	11-03-2022	V RAVI SYAM KUMAR	7		
		C5 T11 A2W 154607	14-03-2022	08-04-2022	V RAVI SYAM KUMAR	7		
		C5 T11 A2W 155520	21-03-2022	01-04-2022	V RAVI SYAM KUMAR	28		
		C5 T11 A2W 156268	11-04-2022	23-04-2022	V RAVI SYAM KUMAR	24		
		C5 T11 A2W 160773	01-08-2022	12-08-2022	V RAVI SYAM KUMAR	33		
		C5 T11 A2W 162892	01-09-2022	09-09-2022	V RAVI SYAM KUMAR	35		
		C5 T11 A2W 162894	12-09-2022	24-09-2022	V RAVI SYAM KUMAR	19		
		C5 T11 A2W 164997	10-10-2022	21-10-2022	V RAVI SYAM KUMAR	34		
		2	Training on Auto 4 wheeler	C5 T11 A4W 155425	21-03-2022	03-04-2022	MD RABBANI	25
				C5 T11 A4W 156233	11-04-2022	30-04-2022	MD RABBANI	20
C5 T11 A4W 156248	11-04-2022			23-04-2022	MD RABBANI	7		
C5 T11 A4W 157229	25-04-2022			21-05-2022	MD RABBANI	7		
C5 T11 A4W 158324	23-05-2022			22-06-2022	MD RABBANI	17		
C5 T11 A4W 160901	01-08-2022			12-08-2022	MD RABBANI	27		
C5 T11 A4W 162272	01-09-2022			09-09-2022	MD RABBANI	21		
C5 T11 A4W 163030	12-09-2022			24-09-2022	MD RABBANI	21		
3	Training on Electronics Home			C5 T11 ECH 153801	02-03-2022	08-03-2022	K. Sunil Kumar	26
				C5 T11 ECH 153913	02-03-2022	22-03-2022	K. Sunil Kumar	6
		C5 T11 ECH 155429	21-03-2022	26-03-2022	K. Sunil Kumar	33		
		C5 T11 ECH 155538	23-03-2022	22-04-2022	K. Sunil Kumar	6		
		C5 T11 ECH 155694	28-03-2022	01-04-2022	K. Sunil Kumar	34		
		C5 T11 ECH 156159	04-04-2022	13-04-2022	K. Sunil Kumar	35		
		C5 T11 ECH 157230	25-04-2022	24-05-2022	K. Sunil Kumar	6		
		C5 T11 ECH 157384	02-05-2022	14-05-2022	K. Sunil Kumar	30		
		C5 T11 ECH 158090	23-05-2022	04-06-2022	K. Sunil Kumar	30		
		C5 T11 ECH 158752	06-06-2022	18-06-2022	K. Sunil Kumar	24		
		C5 T11 ECH 160830	01-08-2022	12-08-2022	K. Sunil Kumar	9		
		C5 T11 ECH 160821	01-08-2022	12-08-2022	K. Sunil Kumar	12		
		C5 T11 ECH 161476	01-08-2022	12-08-2022	K. Sunil Kumar	29		
		C5 T11 ECH 162299	01-09-2022	30-09-2022	K. Sunil Kumar	29		
		C5 T11 ECH 162961	12-09-2022	19-09-2022	K. Sunil Kumar	30		
		C5 T11 ECH 163259	20-09-2022	30-09-2022	K. Sunil Kumar	35		
		C5 T11 ECH 164148	23-10-2022	31-10-2022	K. Sunil Kumar	29		
		C5 T11 ECH 164902	17-10-2022	22-10-2022	K. Sunil Kumar	30		
		C5 T11 ECH 165047	25-10-2022	31-10-2022	K. Sunil Kumar	35		
		4	Training on Electronics office	C5 T11 ECO 158216	25-05-2022	04-06-2022	K. Sunil Kumar	6
C5 T11 ECO 158865	06-06-2022			18-06-2022	K. Sunil Kumar	6		
C5 T11 ECO 159164	20-06-2022			25-06-2022	K. Sunil Kumar	6		

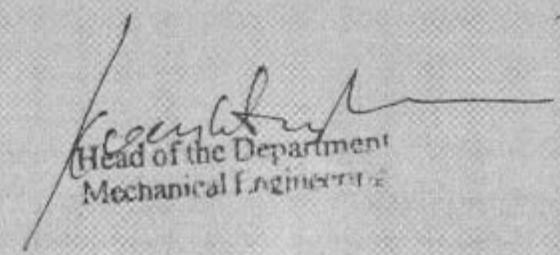
Dr. M. SRI RAMA MURTHY
 I.R. I.E.S.E.T.R.
 Department of Mechanical Engg.
 Sir C.R.R. College of Engineering,
 VATLUR, W.G. DIST., A.P., Pin. 530917

Sir CR Reddy, Eluru - West Godavari

No of students Trained Count Yearwise

S.No	Name of the Laboratory	2018-19		2019-20		2020-21		2021-22		Total
		Hosting	Outside	Hosting	Outside	Hosting	Outside	Hosting	Outside	
1	Auto (2 Wheeler)	0	279	0	545	0	151	177	115	1267
2	Auto (4 Wheeler)	0	302	0	527	0	211	121	147	1308
3	Design/CBT	0	489	0	417	0	0	0	0	906
4	Electronics (Home)	0	279	0	499	62	193	458	361	1852
5	Electronics (Office)	0	278	0	471	0	0	0	0	749
6	Manufacturing (CNC)	0	417	0	542	0	0	0	0	959
7	Manufacturing (Welding)	0	347	0	377	0	0	0	0	724
	Grand Total	0	2391	0	3378	62	555	756	623	7765


 (Dr. M. SRI RAMAMURTHY)
 PROFESSOR
 DEPT. OF MECH. ENGG,
 SIR CRR COE, ELURU


 Head of the Department
 Mechanical Engineering

2021(APR)-2022(MAR)

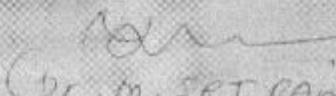
Sl No	Training Programme Title	batch code	From date	To date	Resourse Person	No. of Students benifited
1	Training on Auto 2 wheeler	C5 T11 A2W 137366	19-07-2021	31-07-2021	V RAVI SYAM KUMAR	16
		C5 T11 A2W 138310	02-08-2021	14-08-2021	V RAVI SYAM KUMAR	14
		C5 T11 A2W 141733	04-10-2021	18-10-2021	V RAVI SYAM KUMAR	31
		C5 T11 A2W 142667	20-10-2021	03-11-2021	V RAVI SYAM KUMAR	25
		C5 T11 A2W 144751	08-11-2021	20-11-2021	V RAVI SYAM KUMAR	25
		C5 T11 A2W 146538	22-11-2021	04-12-2021	V RAVI SYAM KUMAR	15
		C5 T11 A2W 147815	07-12-2021	18-12-2021	V RAVI SYAM KUMAR	10
		C5 T11 A2W 148840	20-12-2021	31-12-2021	V RAVI SYAM KUMAR	13
		C5 T11 A2W 155520	21-03-2022	01-04-2022	V RAVI SYAM KUMAR	28
2	Training on Auto 4 wheeler	C5 T11 A4W 137308	19-07-2021	31-07-2021	MD RABBANI	18
		C5 T11 A4W 138299	02-08-2021	14-08-2021	MD RABBANI	11
		C5 T11 A4W 141719	04-10-2021	18-10-2021	MD RABBANI	11
		C5 T11 A4W 144788	08-11-2021	20-11-2021	MD RABBANI	11
		C5 T11 A4W 146515	22-11-2021	04-12-2021	MD RABBANI	15
		C5 T11 A4W 148522	13-12-2021	24-12-2021	MD RABBANI	15
		C5 T11 A4W 152826	14-02-2022	26-02-2022	MD RABBANI	13
		C5 T11 A4W 155425	21-03-2022	01-04-2022	MD RABBANI	25
3	Training on Electronics Home	C5 T11 ECH 135994	15-04-2021	24-04-2021	K. Sunil Kumar	21
		ONLINE	12-07-2021	23-07-2021	K. Sunil Kumar	72
		C5 T11 ECH 137984	27-07-2021	07-08-2021	K. Sunil Kumar	47
		C5 T11 ECH 138809	09-08-2021	21-08-2021	K. Sunil Kumar	36
		C5 T11 ECH 139333	23-08-2021	28-08-2021	K. Sunil Kumar	20
		C5 T11 ECH 143695	08-11-2021	17-11-2021	K. Sunil Kumar	30
		C5 T11 ECH 145956	18-11-2021	30-11-2021	K. Sunil Kumar	35
		C5 T11 ECH 147024	01-12-2021	15-12-2021	K. Sunil Kumar	40
		C5 T11 ECH 148151	16-12-2021	23-12-2021	K. Sunil Kumar	30
		C5 T11 ECH 151577	01-02-2022	05-02-2022	K. Sunil Kumar	30
		C5 T11 ECH 152333	07-02-2022	11-02-2022	K. Sunil Kumar	30
C5 T11 ECH 155439	21-03-2022	26-03-2022	K. Sunil Kumar	33		
C5 T11 ECH 155694	28-03-2022	01-04-2022	K. Sunil Kumar	34		
						756

Head of the Department
Mechanical Engineering

Dr. M. SRI RAMANUJAM
PROFESSOR

2017 - 2018

S. No	Training Programme Title	Target Audience	From date	To date	Resource Person	No. of Students benefited
1	Training on Electronics Home	2nd Year(ECE)	12/20/2017	3/28/2018	K. Sunil Kumar,APSSDC	34
		2nd Year(ECE)	12/20/2017	3/28/2018	K. Sunil Kumar,APSSDC	34
		2nd Year(ECE)	12/20/2017	3/28/2018	K. Sunil Kumar,APSSDC	34
		2nd Year(EEE)	12/20/2017	3/28/2018	K. Sunil Kumar,APSSDC	28
		2nd Year(EEE)	12/20/2017	3/28/2018	K. Sunil Kumar,APSSDC	25
2	Training on Electronics Office	2nd Year(ECE)	12/20/2017	3/28/2018	K. Sunil Kumar,APSSDC	32
		2nd Year(ECE)	12/20/2017	3/28/2018	M. Surya narayana murthy,APSSDC	30
		2nd Year(ECE)	12/20/2017	3/28/2018	M. Surya narayana murthy,APSSDC	30
		2nd Year(EEE)	12/20/2017	3/28/2018	M. Surya narayana murthy,APSSDC	28
		2nd Year(EEE)	12/20/2017	3/28/2018	M. Surya narayana murthy,APSSDC	32
		2nd Year(EEE)	12/20/2017	3/28/2018	M. Surya narayana murthy,APSSDC	30
3	Training on Manufacturing CNC	4th Year(Mech)	12/29/2017	5/11/2018	K LOKESH BABU,APSSDC	32
4	Training on Auto 2 wheeler	4th Year(Mech)	7/21/2017	2/28/2018	V RAVI SYAM KUMAR,APSSDC	21
		4th Year(Mech)	9/5/2017	10/20/2017	V RAVI SYAM KUMAR,APSSDC	20
		3 rd Year(Mech)	9/5/2017	10/30/2017	V RAVI SYAM KUMAR,APSSDC	17
		3 rd Year(Mech)	12/29/2017	5/15/2018	V RAVI SYAM KUMAR,APSSDC	21
5	Training on Manufacturing welding	4th Year(Mech)	21-07-2017	28-02-2018	A SATYANARAYANA,APSSDC	20
		4th Year(Mech)	9/5/2017	30-10-2017	A SATYANARAYANA,APSSDC	20
		3 rd Year(Mech)	9/5/2017	30-10-2017	A SATYANARAYANA,APSSDC	15
6	TRAINING on CBT	4th Year(Mech)	21-07-2017	28-02-2018	B PAVAN KUMAR,APSSDC	22
		4th Year(Mech)	9/5/2017	11/5/2017	B PAVAN KUMAR,APSSDC	24
7	Training on Auto 4 wheeler	4th Year(Mech)	29-12-2017	21-03-2018	MD RABBANI,APSSDC	24
						26
						599


 Dr. M. SRI RAMAMURTHY
 PROF.
 Department of Engg.
 Sree Siddaganga Institute of Technology

2018-2019

Sl No	Training Programme Title	Target Audience	From date	To date	Resourse Person	No. of Students benifited
1	Training on Manufacturing CNC	3rd Year(Mech)	2/25/2019	3/2/2019	K.Lokesh Babu,APSSDC	30
2	Training on Auto 2 wheeler	3rd Year(Mech)	3/6/2019	3/13/2019	V RAVI SYAM KUMAR,APSSDC	25
3	Training on Manufacturing welding	3rd Year(Mech)	3/6/2019	13-03-2019	A SATYANARAYANA,APSSDC	30
4	Training on Auto 4 wheeler	3rd Year(Mech)	2/26/2019	5/3/2019	MD RABBANI,APSSDC	25
						110

(Signature)
(Dr. M. SRI RAMA MURTHY)

Dr. M. SRI RAMA MURTHY
PROFESSOR,
Department of Mechanical Engg.
St. CSR College of Engineering
VATLUR, W.G.DT, A.P. Pin: 534001

2019-2020

S No	Training Programme Title	Target Audience	From date	To date	Resource Person	No. of Students benifited
1	Training on Electronics Home	2nd Year(ECE)	7/3/2019	7/20/2019	K. Sunil Kumar, APSSDC	21
		2nd Year(ECE)	7/22/2019	8/9/2019	K. Sunil Kumar, APSSDC	25
		2nd Year(ECE)	8/26/2019	9/7/2019	K. Sunil Kumar, APSSDC	28
		2nd Year(EEE)	9/16/2019	10/28/2019	K. Sunil Kumar, APSSDC	28
		2nd Year(EEE)	10/23/2019	11/5/2019	K. Sunil Kumar, APSSDC	23
		2nd Year(EEE)	1/20/2020	1/25/2020	K. Sunil Kumar, APSSDC	9
		2nd Year(EEE)	1/20/2020	1/25/2020	K. Sunil Kumar, APSSDC	7
		1st Year(ECE)	2/24/2020	3/7/2020	K. Sunil Kumar, APSSDC	31
		1st Year(ECE)	3/9/2020	3/19/2020	K. Sunil Kumar, APSSDC	31
		2	Training on Electronics Office	2nd Year(ECE)	7/3/2019	7/20/2019
2nd Year(ECE)	7/22/2019			8/9/2019	M. Surya narayana murthy, APSSDC	30
2nd Year(ECE)	8/26/2019			9/7/2019	M. Surya narayana murthy, APSSDC	32
2nd Year(EEE)	9/16/2019			10/28/2019	M. Surya narayana murthy, APSSDC	28
2nd Year(EEE)	10/23/2019			11/5/2019	M. Surya narayana murthy, APSSDC	30
2nd Year(EEE)	1/20/2020			1/25/2020	M. Surya narayana murthy, APSSDC	30
2nd Year(EEE)	1/20/2020			1/25/2020	M. Surya narayana murthy, APSSDC	34
2nd Year(Mech)	8/5/2019			8/17/2019	K. Lokesh Babu, APSSDC	20
2nd Year(Mech)	9/3/2019			9/13/2019	K. Lokesh Babu, APSSDC	24
2nd Year(Mech)	9/23/2019			10/5/2019	K. Lokesh Babu, APSSDC	23
3	Training on Manufacturing CNC	2nd Year(Mech)	11/25/2019	12/13/2019	K. Lokesh Babu, APSSDC	25
		4th Year(Mech)	12/23/2019	1/4/2020	K. Lokesh Babu, APSSDC	32
		4th Year(Mech)	1/20/2020	1/31/2020	K. Lokesh Babu, APSSDC	29
		2nd Year(Mech)	2/1/2020	2/15/2020	K. Lokesh Babu, APSSDC	16
		3rd Year(Mech)	2/24/2020	3/7/2020	K. Lokesh Babu, APSSDC	16
		3rd Year(Mech)	3/9/2020	3/19/2020	K. Lokesh Babu, APSSDC	16
		2nd Year(Mech)	8/5/2019	8/17/2019	V RAVI SYAM KUMAR, APSSDC	22
		2nd Year(Mech)	8/26/2019	9/7/2019	V RAVI SYAM KUMAR, APSSDC	17
		2nd Year(Mech)	9/23/2019	10/5/2019	V RAVI SYAM KUMAR, APSSDC	20
		2nd Year(Mech)	12/23/2019	12/31/2019	V RAVI SYAM KUMAR, APSSDC	14
4	Training on Auto 2 wheeler	2nd Year(Mech)	1/6/2020	1/10/2020	V RAVI SYAM KUMAR, APSSDC	23
		3rd Year(Mech)	2/1/2020	2/7/2020	V RAVI SYAM KUMAR, APSSDC	16
		2nd Year(Mech)	25-11-2019	13-12-2019	A SATYANARAYANA, APSSDC	33
		2nd Year(Mech)	23-12-2019	1/4/2020	A SATYANARAYANA, APSSDC	23
		2nd Year(Mech)	1/6/2020	1/10/2020	A SATYANARAYANA, APSSDC	37
5	Training on Manufacturing welding	2nd Year(Mech)	27-01-2020	2/8/2020	A SATYANARAYANA, APSSDC	17
		2nd Year(Mech)	8/5/2019	17-08-2019	MD RABBANI, APSSDC	20
		2nd Year(Mech)	26-08-2019	9/7/2019	MD RABBANI, APSSDC	20
		2nd Year(Mech)	9/23/2019	10/5/2019	MD RABBANI, APSSDC	20
		2nd Year(Mech)	1/6/2020	1/10/2020	MD RABBANI, APSSDC	19
6	Training on Auto 4 wheeler	3rd Year(Mech)	2/1/2020	2/7/2020	MD RABBANI, APSSDC	16

Co-ordinator
 M. SRI KANYA MURTHY



SIR C.R. REDDY COLLEGE OF ENGINEERING
 Eluru-534007, West Godavari Dist., A.P., INDIA
 (Approved by AICTE, New Delhi & Permanently affiliated to Andhra University)
 Phone no: 08812 - 230840, 2300656 Fax: 08812 - 224193 Visit us at <http://www.sircetengg.ac.in>
DEPARTMENT OF MECHANICAL ENGINEERING

SIEMENS SKILL DEVELOPMENT CENTRE

LAB DESCRIPTION

CBT Lab

In the CBT Lab., there are 84 systems with all accessories and M.S. Office. In this lab, students learn sketching work, Geometry creation and simulation of objects. Here students use software SE294 and NX CAD 100 for drawings preparation and objects creation.

AUTOMOTIVE 4 W Lab

4 W Lab consists of major equipment like two post car lift (4T), Tyre changing machine, Wheel alignment and Wheel balancing Machines. Also it is having different gear boxes, wide variety of tools and other cut section models. Here, students learn complete aspects of maintenance and overhauling of 4 wheeler automobiles. There is an Air compressor for pneumatic operations.

AUTOMOTIVE 2 W Lab

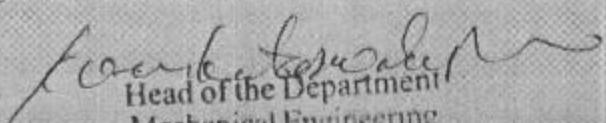
2 W Lab consists of major equipment like two hydraulic rams, Air compressor, Spark plug cleaner and Tester, Exhaust Blower, hydraulic Power pack Also it is having wide variety of tools and other cut section models. Here, students learn complete aspects of maintenance and overhauling of 2 wheeler automobiles.

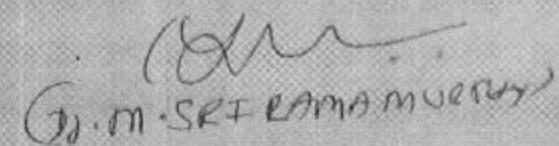
CNC Lab

In the CNC Lab, there are two machining centers, one is JV55 Vertical Milling machine and other one is Smarturn lathe machine. In this lab, students manufacture objects with different profiles using milling cutters and Turning tools. Also there are tools like milling checks, collets and other cutting tools.

WELDING Lab

Welding Lab consists of Major equipment like DC Arc Welding rectifier set, Auto K 400, Welding Booth, gas welding set, Spot welding machine, Air compressor Plasma cutting, Oxygen cylinders, CO2 cylinders, Argon and acetylene cylinders. Students learn complete aspects of Arc welding, Gas welding and Spot welding. In this lab, there are number of welding Tools available.


 Head of the Department
 Mechanical Engineering


Dr. M. SRI RAMA MURTHY
 PROFESSOR
 Department of
 Sir C.R. Reddy College of Engineering
 V. 10 W.G.D.

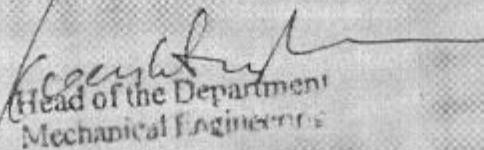
Sir CR Reddy, Eluru - West Godavari

No of students Trained Count Yearwise

S.No	Name of the Laboratory	2018-19		2019-20		2020-21		2021-22		Total
		Hosting	Outside	Hosting	Outside	Hosting	Outside	Hosting	Outside	
1	Auto (2 Wheeler)	0	279	0	545	0	151	177	115	1267
2	Auto (4 Wheeler)	0	302	0	527	0	211	121	147	3308
3	Design/CBT	0	489	0	417	0	0	0	0	906
4	Electronics (Home)	0	279	0	499	62	193	458	361	1852
5	Electronics (Office)	0	278	0	471	0	0	0	0	749
6	Manufacturing (CNC)	0	417	0	542	0	0	0	0	959
7	Manufacturing (Welding)	0	347	0	377	0	0	0	0	724
	Grand Total	0	2391	0	3378	62	555	756	623	7765



(Dr. M. SRI RAMAMURTHY)
 PROFESSOR
 DEPT. OF MECH ENGG,
 SIR CRR COE, ELURU



Head of the Department
 Mechanical Engineering

**IV.SIEMENS SKILL DEVELOPMENT
CENTRE-II**



SIR C R REDDY COLLEGE OF ENGINEERING
ELURU-534007, WEST GODAVARI DIST, ANDHRA PRADESH, INDIA
(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)
Phone no: 08812-230840, Visit us at <http://www.sircrrengg.ac.in>, ceehod@sircrrengg.ac.in
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

APSSDC –SIEMENS ELECTRONICS OFFICE AND ELECTRONICS HOME
LABORATORY
COURSE OUTLINE

Lab	Level	Description
ELECTRONICS HOME	FOUNDATION	Basic Electronics
	EXPERT	Installation and Maintenance of Home Equipment
	MASTER	Repair and Maintenance of Home Equipment
ELECTRONICS OFFICE	FOUNDATION	Basic Electronics
	EXPERT	Installation and Maintenance of Office Equipment
	MASTER	Repair and Maintenance of Office Equipment


PRINCIPAL
Principal
SIR C.R.R. COLLEGE OF ENGINEERING
ELURU -534 007

Estd. 1989

SIR C.R. REDDY COLLEGE OF ENGINEERING

ELURU - 534 007, West Godavari Dist., A.P., INDIA

(APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI.
PERMANENTLY AFFILIATED TO ANDHRA UNIVERSITY, VISAKHAPATNAM - 530 003)

WWW.sircrrengg.ac.in



☎ OFF : (08812) 230840
230565
FAX : (08812) 224193
Email : principal.sircrrengg@gmail.com
23/09/15

To, Ref. No. :

Date

The CEO

AP State Skill Development Corporation (APSSDC)
H.No. 6-3-866/1/G2, GMR Building, 3rd Floor,
Greenlands, Beside Paryatak Bhavan, Begumpet,
Hyderabad 500 016.

Sir,

Sub: - Submission of 'EOI for SIEMENS COE' - Reg.

With reference to your advertisement through apssdc.in website inviting proposals for setting of SIEMENS Centre of Excellence, we are very much interested in submitting the 'Expression of Interest'.

We are one among the top rated Self-financed Engineering Colleges in state of Andhra Pradesh with 25 years of existence.

Being an oldest society with over 75 years of existence and served this region by imparting education to lakhs of students, our management is keen in setting-up the "SIEMENS-COE" in our campus and skilling the people of this region.

I request you to accept our 'EOI' and consider our college for 'SIEMENS COE'. We assure you that we will provide all the facilities required for setting-up of 'Centre of Excellence'.

Thanking You

Yours Sincerely

[Signature]
PRINCIPAL
Principal

SIR C.R.R. COLLEGE OF ENGINEERING
ELURU - 534 007



[Handwritten signature]
24-09-15
APSSDC

ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION
APSSDC – SIEMENS PROJECT



SIEMENS
Ingenuity for life

MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION

AND

SIR C R REDDY COLLEGE OF ENGINEERING - ELURU



Skill Development, Entrepreneurship
& Innovation Department (SDE&I Dept.)
Government of Andhra Pradesh
Amaravati



AGREEMENT BETWEEN

ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION
VIJAYAWADA

AND

Sir C R Reddy College of Engineering
Vatluru, Eluru – 534007, West Godavari District



To
The Managing director,
APSSDC,
Tadepalli,
Vijayawada.

Sir,

Sub : Appointment of our faculty as Siemens Lab In-charges - Reg .

Ref: Your Lr.No.1/2021/APSSDC-54022 (32)/1/2018-PROJECTS-APSSDC dated: 08-06-2021

In reference to the above letter ,we would like to inform you that we have nominated the following faculty from our Institute as Siemens Laboratory in-charges and the details of the faculty as in the table given below

	Name of Faculty	Lab Name	Phone Number
1	Dr.M.Veera Kumari /Sri E.Srinivas	CBT lab	9492225471 9491082330
2	Sri B.Sambasiva Rao	Electronic Office	9290668708
3	Sri M. Suneel Kumar	Electronic Home	9533212839
4	Mrs M.N.V.Alekhyia	CNC Lab	9603932096
5	Sri.Ch.Chandra Rao	Welding Lab	9553653539
6	Sri B.V.Subrahmanyam	2 wheeler lab	9989362630
7	Sri P.Chandra sekhar	4 wheeler lab	9652471010

Dr.M.Sri Ram Murthy	Centre Incharges	9581958157
Dr.M.Veera Kumari		9492225471

We also request you to kindly train our faculty as per the requirement stated in your letter.

Thanking you

Yours Sincerely


PRINCIPAL
Principal
Sri C.R.R.College of Engineering
ELURU - 534 007

SIR C. R. REDDY COLLEGE OF ENGINEERING, ELURU
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Siemen's Skill Development Centre

List of major equipment
Electronics Home LAB

S.No	Major equipment	Qty	Make	MODEL/RATING
01	SMD Soldering & Desoldering Stations	1		
02	LED TV Trainer kit	1		ETR 058
03	LED TV	1		
04	Electrical Lab Trainer	1		
05	Basic Electricity & Electrical Cable trainer kit	1		
06	DTH system Trainer(working unit & Dismantled unit)	1		ETR 054
07	Dual Sim mobile trainer(working unit & Dismantled unit)	1	Samsung	ETR 049
08	Microwave oven(working unit & Dismantled unit)	1	Samsung	ETR 051
09	Washing Machine(working unit & Dismantled unit)	1	Samsung	ETR 060
10	Mixer Grinder(working unit & Dismantled unit)	1	Philips	ETR 050
11	Dual DC regulated Power Supply	1		30-0-30v 2Amps
12	Dual DC regulated variable Power Supply	1		0-24V,1Amp
13	LCR meter	1		
14	CRO Dual Trace	1		20MHz
15	Signal Generator	1		0-1000KHz
16	Power Electronic trainer	1		
17	DOL Starter	1		
18	AC Motor	1		¼ HP
19	Electrical Trainer for DOL starter, Relays, MCB, motor	1		
20	PAM, PPM, PWM trainer kit	1		
21	Sensor trainer kit	1		
22	Home theatre system	1		
23	Solar Power Inverter	1		500VA
24	Fiber Optic Communication trainer	1		
25	SMPS	1		
26	Electrical Safety Trainer	1		
27	Tool box	10		

Electronics Office Lab

S.No	Major equipment	Qty	Make	MODEL/RATING
01	SMD Soldering & Desoldering Stations	1		
02	Laptop Trainer kit (dismantled unit)	1	HP	ETR 048
03	Laptop working	1	dell	
04	Electrical Lab Trainer	1		
05	Basic Electricity &Electrical Cable trainer kit	1		
06	Inkjet Printer,photocopier cum scanner Trainer kit (working unit &Dismantled unit)	1	Epson	ETR 062
07	Laser Printer trainer kit (working unit &Dismantled unit)	1	Canon	ETR 046
08	CCTV (working unit &Dismantled unit)	1		ETR 045
09	Multi media Computer trainer (working unit &Dismantled unit)	1		ETR 056
10	UPS (working unit &Dismantled unit)	1		ETR 052
11	Automatic telephone Exchange (dismantled unit)	1		ETR 055
12	SMPS Dismantled trainer kit	1		ETR 057
13	Tool box	10		

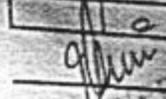
2022(APR)-2023(OCT)

Sl No	Training Programme Title	batch code	From date	To date	Resource Person	No. of Students trained
1	Training on Auto 2 wheeler	CS T11 A2W 153078	21-02-2022	11-03-2022	V RAVI SYAM KUMAR	7
		CS T11 A2W 154607	14-03-2022	08-04-2022	V RAVI SYAM KUMAR	7
		CS T11 A2W 155570	21-03-2022	01-04-2022	V RAVI SYAM KUMAR	28
		CS T11 A2W 156268	11-04-2022	23-04-2022	V RAVI SYAM KUMAR	24
		CS T11 A2W 160773	01-08-2022	12-08-2022	V RAVI SYAM KUMAR	33
		CS T11 A2W 162892	01-09-2022	09-09-2022	V RAVI SYAM KUMAR	35
		CS T11 A2W 162894	17-09-2022	24-09-2022	V RAVI SYAM KUMAR	19
		CS T11 A2W 164997	10-10-2022	21-10-2022	V RAVI SYAM KUMAR	34
		Training on Auto 4 wheeler	CS T11 A4W 155425	21-03-2022	01-04-2022	MD RABBANI
CS T11 A4W 156233	11-04-2022		23-04-2022	MD RABBANI	20	
2		CS T11 A4W 156248	11-04-2022	23-04-2022	MD RABBANI	7
		CS T11 A4W 157229	25-04-2022	21-05-2022	MD RABBANI	7
		CS T11 A4W 158324	23-05-2022	22-06-2022	MD RABBANI	7
		CS T11 A4W 160901	01-08-2022	12-08-2022	MD RABBANI	17
		CS T11 A4W 162272	01-09-2022	09-09-2022	MD RABBANI	27
		CS T11 A4W 163020	12-09-2022	24-09-2022	MD RABBANI	21
3	Training on Electronics Home	CS T11 ECH 153801	02-03-2022	08-03-2022	K. Sunil Kumar	26
		CS T11 ECH 153913	02-03-2022	22-03-2022	K. Sunil Kumar	6
		CS T11 ECH 155439	21-03-2022	26-03-2022	K. Sunil Kumar	33
		CS T11 ECH 155572	23-03-2022	22-04-2022	K. Sunil Kumar	6
		CS T11 ECH 155694	28-03-2022	01-04-2022	K. Sunil Kumar	34
		CS T11 ECH 156159	04-04-2022	13-04-2022	K. Sunil Kumar	35
		CS T11 ECH 157230	25-04-2022	24-05-2022	K. Sunil Kumar	6
		CS T11 ECH 157234	02-05-2022	14-05-2022	K. Sunil Kumar	30
		CS T11 ECH 158090	23-05-2022	04-06-2022	K. Sunil Kumar	30
		CS T11 ECH 158752	06-06-2022	18-06-2022	K. Sunil Kumar	24
		CS T11 ECH 160830	01-08-2022	12-08-2022	K. Sunil Kumar	9
		CS T11 ECH 160821	01-08-2022	12-08-2022	K. Sunil Kumar	12
		CS T11 ECH 161476	01-08-2022	12-08-2022	K. Sunil Kumar	29
		CS T11 ECH 162299	01-09-2022	30-09-2022	K. Sunil Kumar	29
		CS T11 ECH 162961	12-09-2022	19-09-2022	K. Sunil Kumar	30
		CS T11 ECH 163259	20-09-2022	30-09-2022	K. Sunil Kumar	35
		CS T11 ECH 164148	01-10-2022	31-10-2022	K. Sunil Kumar	29
		CS T11 ECH 164902	17-10-2022	22-10-2022	K. Sunil Kumar	30
		CS T11 ECH 165047	25-10-2022	31-10-2022	K. Sunil Kumar	35
		Training on Electronics office	CS T11 ECO 158216	25-05-2022	04-06-2022	K. Sunil Kumar
CS T11 ECO 158865	06-06-2022		18-06-2022	K. Sunil Kumar	6	
CS T11 ECO 159164	20-06-2022		25-06-2022	K. Sunil Kumar	6	

Dr. M. SRI RAMA MURTHY
 F.R.I.F.E.S.K.'R.
 Department of Mechanical Engg.
 St. CRR College of Engineering,
 VATLUR, W.D.D.T., A.P., Pin. 534707

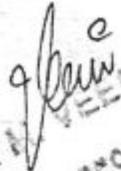
2021(APR)-2022(MAR)

Sl No	Training Programme Title	batch code	From date	To date	Resourse Person	No. of Students benifited
1	Training on Auto 2 wheeler	C5 T11 A2W 137366	19-07-2021	31-07-2021	V RAVI SYAM KUMAR	16
		C5 T11 A2W 138310	02-08-2021	14-08-2021	V RAVI SYAM KUMAR	14
		C5 T11 A2W 141733	04-10-2021	18-10-2021	V RAVI SYAM KUMAR	31
		C5 T11 A2W 142667	20-10-2021	03-11-2021	V RAVI SYAM KUMAR	25
		C5 T11 A2W 144751	08-11-2021	20-11-2021	V RAVI SYAM KUMAR	25
		C5 T11 A2W 146538	22-11-2021	04-12-2021	V RAVI SYAM KUMAR	15
		C5 T11 A2W 147815	07-12-2021	18-12-2021	V RAVI SYAM KUMAR	10
		C5 T11 A2W 148840	20-12-2021	31-12-2021	V RAVI SYAM KUMAR	13
		C5 T11 A2W 155520	21-03-2022	01-04-2022	V RAVI SYAM KUMAR	28
2	Training on Auto 4 wheeler	C5 T11 A4W 137308	19-07-2021	31-07-2021	MD RABBANI	18
		C5 T11 A4W 138299	02-08-2021	14-08-2021	MD RABBANI	11
		C5 T11 A4W 141719	04-10-2021	18-10-2021	MD RABBANI	11
		C5 T11 A4W 144788	08-11-2021	20-11-2021	MD RABBANI	11
		C5 T11 A4W 146515	22-11-2021	04-12-2021	MD RABBANI	15
		C5 T11 A4W 148522	13-12-2021	24-12-2021	MD RABBANI	15
		C5 T11 A4W 152826	14-02-2022	26-02-2022	MD RABBANI	15
		C5 T11 A4W 155425	21-03-2022	01-04-2022	MD RABBANI	25
		3	Training on Electronics Home	C5 T11 ECH 135994	15-04-2021	24-04-2021
ONLINE	12-07-2021			23-07-2021	K. Sunil Kumar	72
C5 T11 ECH 137984	27-07-2021			07-08-2021	K. Sunil Kumar	47
C5 T11 ECH 138809	09-08-2021			21-08-2021	K. Sunil Kumar	36
C5 T11 ECH 139333	23-08-2021			28-08-2021	K. Sunil Kumar	20
C5 T11 ECH 144696	08-11-2021			17-11-2021	K. Sunil Kumar	30
C5 T11 ECH 145956	18-11-2021			30-11-2021	K. Sunil Kumar	35
C5 T11 ECH 147024	01-12-2021			15-12-2021	K. Sunil Kumar	40
C5 T11 ECH 148151	16-12-2021			23-12-2021	K. Sunil Kumar	30
C5 T11 ECH 151577	01-02-2022			05-02-2022	K. Sunil Kumar	30
C5 T11 ECH 152333	07-02-2022			11-02-2022	K. Sunil Kumar	30
C5 T11 ECH 155439	21-03-2022			26-03-2022	K. Sunil Kumar	33
C5 T11 ECH 155694	28-03-2022			01-04-2022	K. Sunil Kumar	34


DR. N. VEERA KUMAR
 Associate Professor, Dept. of ECE
 College of Engineering
 534 007

2020(APR)-2021(MAR)

SI No	Training Programme Title	Target Audience	From date	To date	Resourse Person	No. of Students benifited
1	Training on Electronics Home	2nd Year	01-02-2021	06-02-2021	K. Sunil Kumar	35
		2nd Year	08-02-2021	12-02-2021	K. Sunil Kumar	27
		2nd Year	15-03-2021	20-03-2021	K. Sunil Kumar	25
		2nd Year	22-03-2021	27-03-2021	K. Sunil Kumar	20
		2nd Year	31-03-2021	09-04-2021	K. Sunil Kumar	18


Dr. M. VEERA KUMAR
 M.Tech., Ph.D.
 ASSOCIATE PROFESSOR, Dept. Of EEE
 S.R.R. COLLEGE OF ENGINEERING
 ELURU - 534 007

2019(APR)-2020(MAR)

SI No	Training Programme Title	Target Audience	From date	To date	Resource Person	No. of Students benifited		
1	Training on Electronics Home	2nd Year(ECE)	03-07-2019	20-07-2019	K. Sunil Kumar	21		
		2nd Year(ECE)	22-07-2019	09-08-2019	K. Sunil Kumar	25		
		2nd Year(ECE)	26-08-2019	07-09-2019	K. Sunil Kumar	28		
		2nd Year(ECE)	26-08-2019	07-09-2019	K. Sunil Kumar	28		
		2nd Year(EEE)	16-09-2019	28-10-2019	K. Sunil Kumar	23		
		2nd Year(EEE)	23-10-2019	05-10-2019	K. Sunil Kumar	9		
		2nd Year(EEE)	20-01-2020	25-01-2020	K. Sunil Kumar	7		
		2nd Year(EEE)	20-01-2020	25-01-2020	K. Sunil Kumar	31		
		1st Year(ECE)	24-02-2020	07-03-2020	K. Sunil Kumar	31		
		1st Year(ECE)	09-03-2020	19-03-2020	K. Sunil Kumar	28		
2	Training on Electronics Office	2nd Year	03-07-2019	20-07-2019	M. Surya narayana murthy	30		
		2nd Year	22-07-2019	09-08-2019	M. Surya narayana murthy	32		
		2nd Year	26-08-2019	07-09-2019	M. Surya narayana murthy	28		
		2nd Year	16-09-2019	28-10-2019	M. Surya narayana murthy	30		
		2nd Year	23-10-2019	05-10-2019	M. Surya narayana murthy	30		
		2nd Year	20-01-2020	25-01-2020	M. Surya narayana murthy	34		
		2nd Year	20-01-2020	25-01-2020	M. Surya narayana murthy	20		
		2nd Year	05-08-2019	17-08-2019	K.Lokesh Babu	24		
3	Training on Manufacturing CNC	2nd Year	03-09-2019	13-09-2019	K.Lokesh Babu	23		
		2nd Year	23-09-2019	05-10-2019	K.Lokesh Babu	25		
		2nd Year	25-11-2019	13-12-2019	K.Lokesh Babu	32		
		4th Year	23-12-2019	04-01-2020	K.Lokesh Babu	29		
		4th Year	20-01-2020	31-01-2020	K.Lokesh Babu	16		
		2nd Year	01-02-2020	15-02-2020	K.Lokesh Babu	16		
		3rd Year	24-02-2020	07-03-2020	K.Lokesh Babu	16		
		3rd Year	09-03-2020	19-03-2020	K.Lokesh Babu	22		
		4	Training on Auto 2 wheeler	B TECH 2 ND year	05-08-2019	17-08-2019	V RAVI SYAM KUMAR	17
				B TECH 2 ND year	26-08-2019	07-09-2019	V RAVI SYAM KUMAR	20
B TECH 2 ND year	23-09-2019			05-10-2019	V RAVI SYAM KUMAR	14		
B TECH 2 ND year	23-12-2019			31-12-2019	V RAVI SYAM KUMAR			

		B TECH 2 ND year	06-01-2020	10-01-2020	V RAVI SYAM KUMAR	23
		B TECH 3 RD year	01-02-2020	07-02-2020	V RAVI SYAM KUMAR	16
5	Training on Manufacturing weld	B TECH 2 nd year	25-11-2019	13-12-2019	A SATYANARAYANA	33
		B TECH 2 nd year	23-12-2019	01-04-2020	A SATYANARAYANA	23
		B TECH 2 nd year	01-06-2020	01-10-2020	A SATYANARAYANA	37
		B TECH 2 nd year	27-01-2020	02-08-2020	A SATYANARAYANA	17
6	Training on Auto 4 wheeler	B TECH 2 ND year	08-05-2019	17-08-2019	MD RABBANI	20
		B TECH 2 ND year	26-08-2019	09-07-2019	MD RABBANI	20
		B TECH 2 ND year	23-9-2019	10-05-2019	MD RABBANI	20
		B TECH 2 ND year	01-06-2020	01-10-2020	MD RABBANI	19
		B TECH 3 RD year	02-01-2020	02-07-2020	MD RABBANI	16
						933


Dr. M. VEERA KUMAR
 M.Tech., Ph.D.
 ASSOCIATE PROFESSOR, Dept. OF EEE
 C.R.R.COLLEGE OF ENGINEERING
 ELURU - 534 007

2018(APR)-2019(MAR)

SI No	Training Programme Title	Target Audience	From date	To date	Resourse Person	No. of Students benifited
1	Training on Manufacturing CNC	3rd Year	25-02-2019	02-03-2019	K.Lokesh Babu	30
2	Training on Auto 2 wheeler	B TECH 3 RD year	06-03-2019	13-03-2019	V RAVI SYAM KUMAR	25
3	Training on Manufacturing welding	B TECH 3 rd year	03-06-2019	13-03-2019	A SATYANARAYANA	30
4	Training on Auto 4 wheeler	B TECH 3 RD year	26-02-2019	03-05-2019	MD RABBANI	25
						110


Dr. M. VEERA KUMAR
 ASSOCIATE PROFESSOR, Dept. OF E E
 JSS COLLEGE OF ENGINEERING
 JSSRS - 576 007

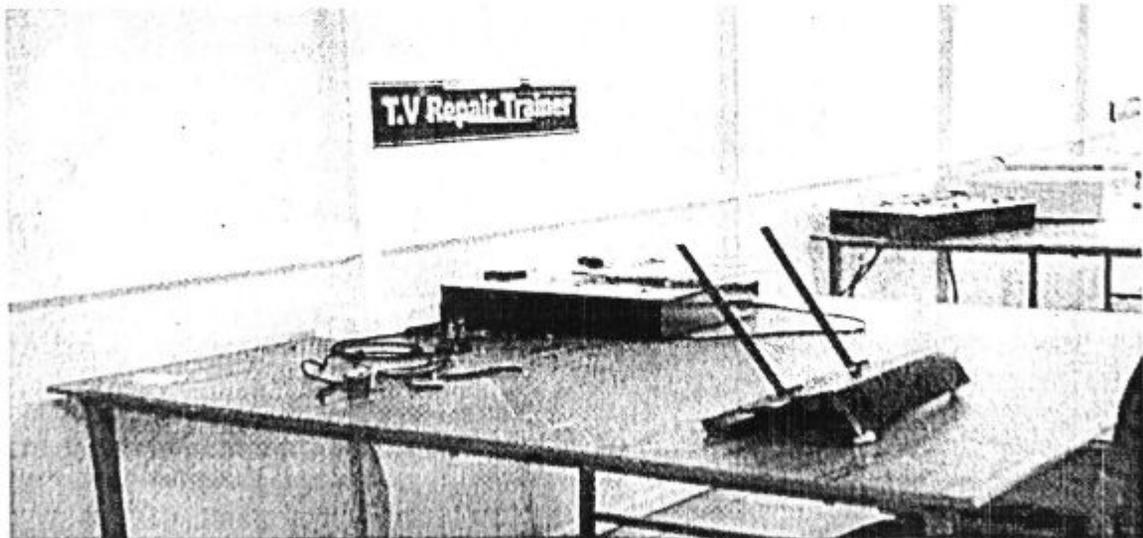
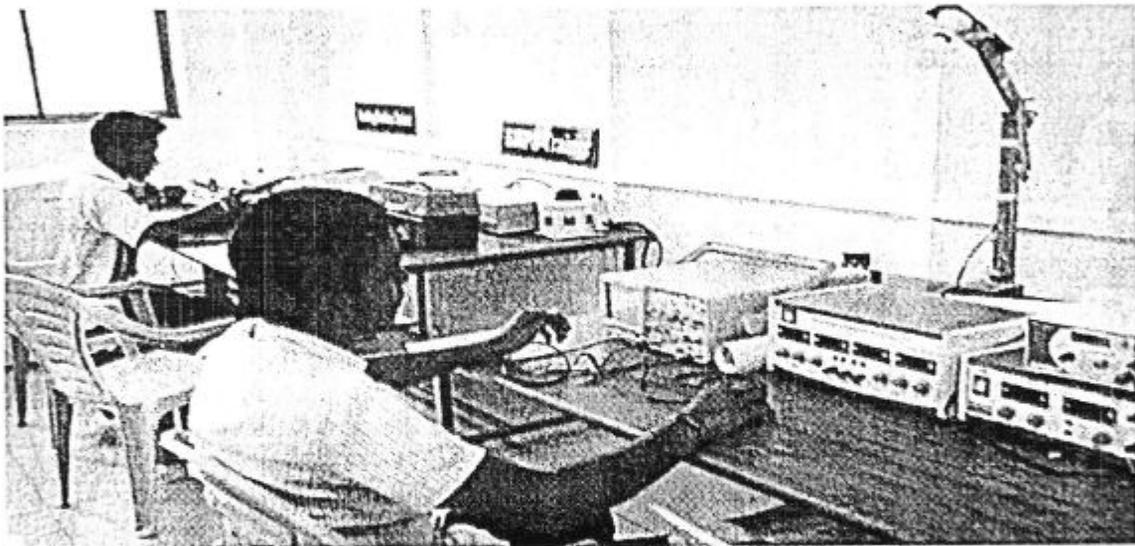
2017(APR) - 2018(MAR)

SI No	Training Programme Title	Target Audience	From date	To date	Resourse Person	No. of Students benifited
1	Training on Electronics Home	2nd Year(ECE)	20-12-2017	28-03-2018	K. Sunil Kumar	34
		2nd Year(ECE)	20-12-2017	28-03-2018	K. Sunil Kumar	34
		2nd Year(ECE)	20-12-2017	28-03-2018	K. Sunil Kumar	34
		2nd Year(EEE)	20-12-2017	28-03-2018	K. Sunil Kumar	28
		2nd Year(EEE)	20-12-2017	28-03-2018	K. Sunil Kumar	25
		2nd Year(EEE)	20-12-2017	28-03-2018	K. Sunil Kumar	32
2	Training on Electronics Office	2nd Year(ECE)	20-12-2017	28-03-2018	M. Surya narayana murthy	30
		2nd Year(ECE)	20-12-2017	28-03-2018	M. Surya narayana murthy	30
		2nd Year(ECE)	20-12-2017	28-03-2018	M. Surya narayana murthy	28
		2nd Year(EEE)	20-12-2017	28-03-2018	M. Surya narayana murthy	32
		2nd Year(EEE)	20-12-2017	28-03-2018	M. Surya narayana murthy	30
		2nd Year(EEE)	20-12-2017	28-03-2018	M. Surya narayana murthy	32
3	Training on Manufacturing CNC	4th Year	29-12-2017	11-05-2018	K LOKESH BABU	21
4	Training on Auto 2 wheeler	B TECH 4 th year	21-07-2017	28-02-2018	V RAVI SYAM KUMAR	20
		B TECH 4 th year	05-09-2017	20-10-2017	V RAVI SYAM KUMAR	17
		B TECH 3 RD year	05-09-2017	30-10-2017	V RAVI SYAM KUMAR	21
		B TECH 3 RD year	29-12-2017	15-05-2018	V RAVI SYAM KUMAR	20
5	Training on Manufacturing welding	B TECH 4 th year	21-07-2017	28-02-2018	A SATYANARAYANA	20
		B TECH 4 th year	09-05-2017	20-10-2017	A SATYANARAYANA	15
		B TECH 3 rd year	09-05-2017	30-10-2017	A SATYANARAYANA	22
6	TRAINING on CBT	B TECH 4 th year	21-07-2017	28-02-2018	B PAVAN KUMAR	24
		B TECH 4 th year	09-05-2017	11-05-2017	B PAVAN KUMAR	24
7	Training on Auto 4 wheeler	B TECH 4 th year	29-12-2017	21-03-2018	MD RABBANI	26
						599


DR. M. VEERA KUMAR
 M. Tech., Ph.D.
 ASSISTANT PROFESSOR, DEPT. OF EEE
 COLLEGE OF ENGINEERING
 TRU - 534 007.

Sample photos of Seimens Lab

**ANDHRA PRADESH STATE SKILL DEVELOPMENT
CORPORATION (APSSDC)
TECHNICAL SKILL DEVELOPMENT CENTRE (TSDI)**
In association with SIEMEN'S
**1.ELECTRONICS OFFICE (ICT)LAB
2.ELECTRONICS HOME LAB
3.CBT LAB** →
SIR C.R.REDDY COLLEGE OF ENGINEERING, ELURU.



**V.DASSAULT SKILL DEVELOPMENT
CENTRE**

DASSAULT SYSTEMES 3D EXPERIENCE SKILL DEVELOPMENT CENTRE

Course Description:

Impart training on 3D-Experience software CATIA (Modeling), DELMIA (Digital Manufacturing) and SIMULIA (Simulation).

Dassault Systemes lab was established in the year 2018. It was formally inaugurated by the president of SIR CRR Institutions Sri Kommareddi Rambabu garu on 4-12-2018. The lab consists of 36 Laptops which were provided by APSSDC and 36 Desktops which were purchased by Sir CRR Management. The lab imparts training especially to the students of Mechanical and Electrical Engineering students of Final and Pre-final year. Dassault trainer was appointed by APSSDC and he imparts training to the students in CATIA, DELMIA and SIMULIA. CATIA is the world's engineering and design software for product 3D CAD design excellence. It is useful design tool which addresses all manufacturing organizations.

DELMIA helps industries and service providers connect the real and virtual worlds of global operations software. SIMULIA delivers realistic simulation applications in manufacturing sectors. Workshops and FDP's are being regularly conducted to both the students and Faculty to have hands on experience in the design field.

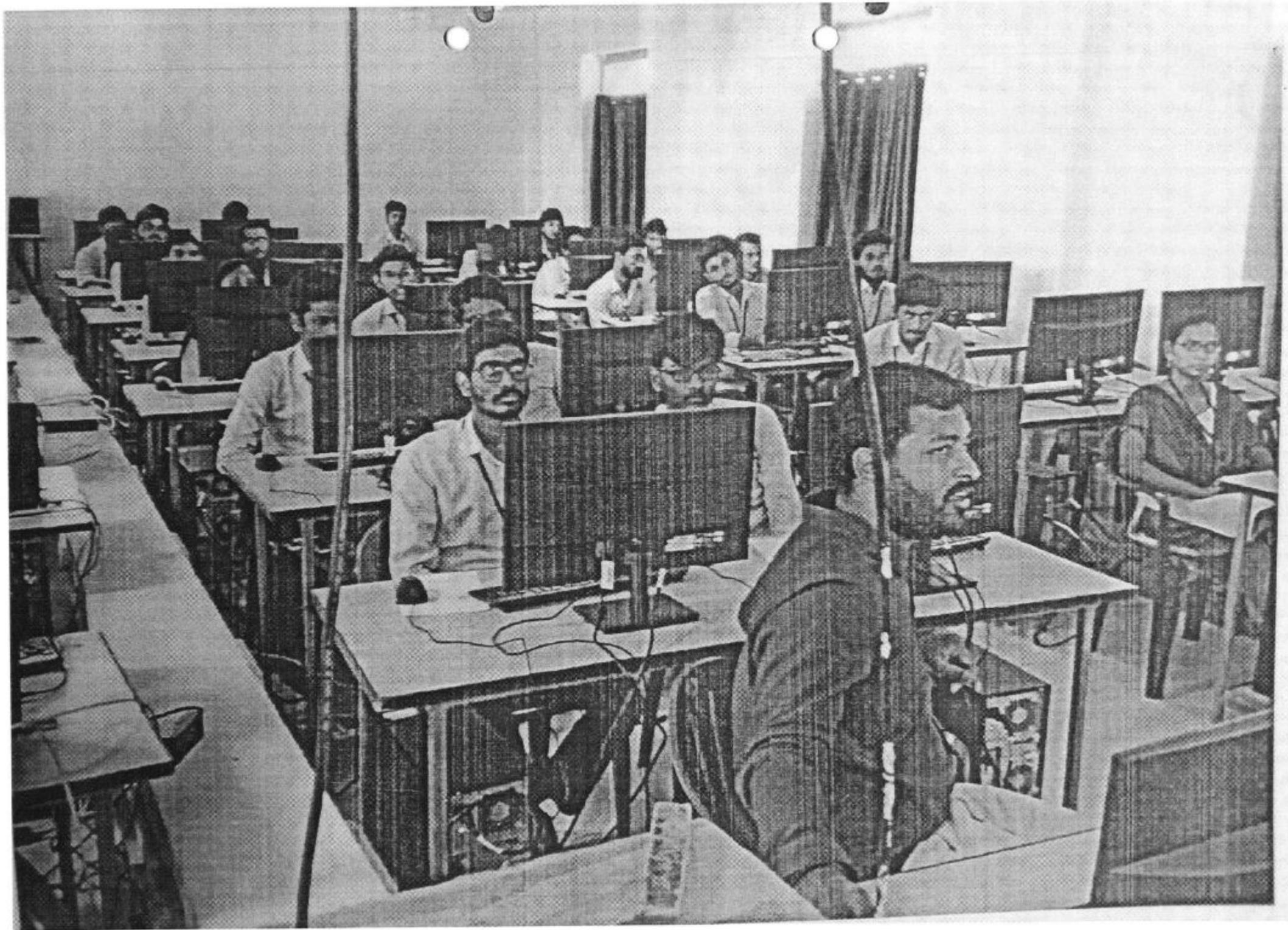
DYMOLA Workshop was conducted to the final year students of Electrical Engineering to have a basic knowledge in the design of electrical system design. Final year Mechanical Engineering students are utilizing the lab for their final year design projects. FDP on ABACUS was conducted to the faculty of Mechanical Engineering.

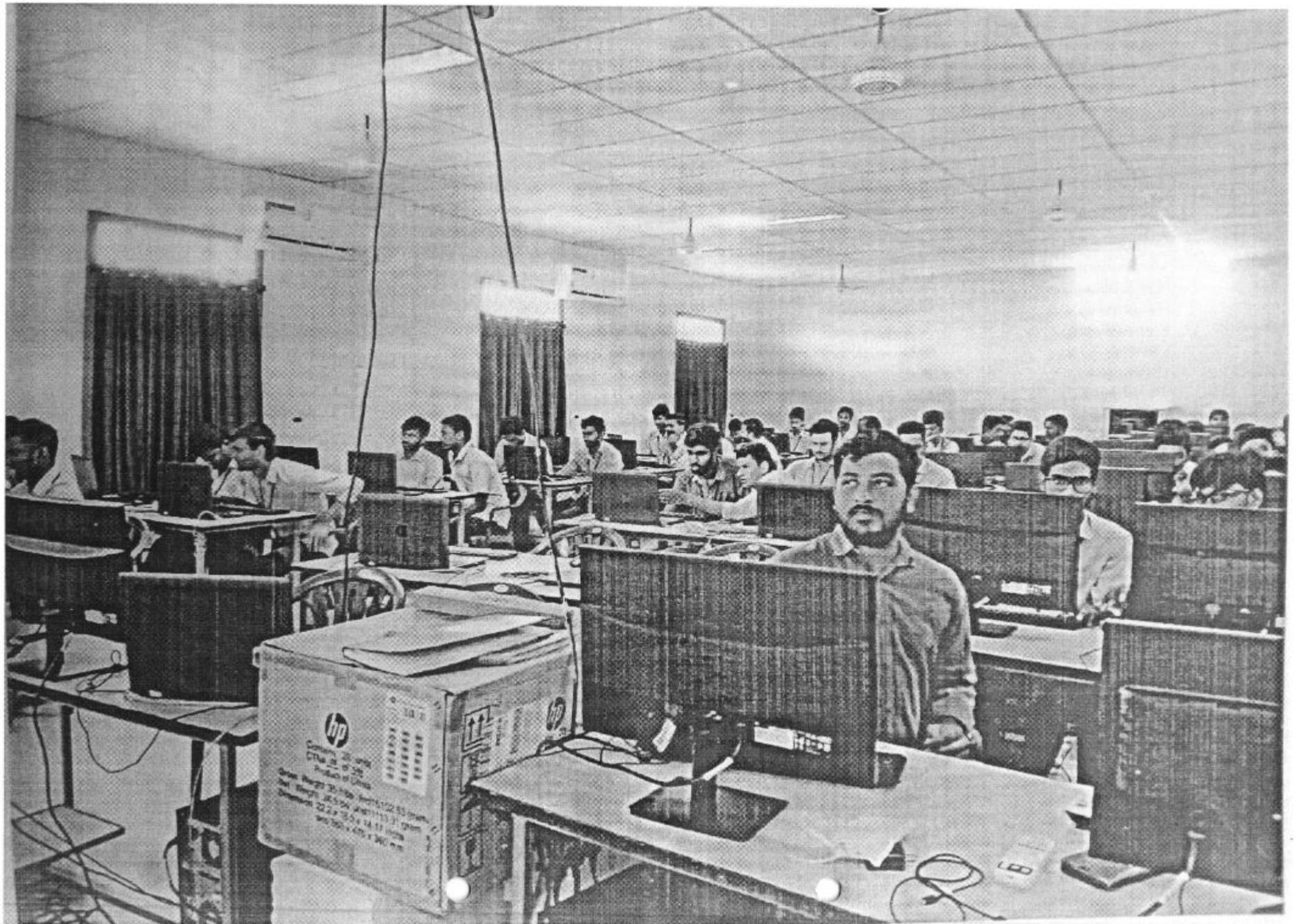
Digital Transformation is a must in most of the industries, creating the challenge of a significant business transformation. Dassault Systèmes' Value Engagement Model is the way to secure this transformation for Customers who want to adopt and deploy the 3DEXPERIENCE platform.

In many contexts, Customers need results and value for business in a short timeframe. This can be the case whether during their Digital Transformation journey, or for specific business needs they want to get addressed as Engineering Services. Creating the Virtual Twin Experience, performing design optimizations, running different types of simulations and other project-oriented activities are examples of what can be quickly delivered by our experts.

Course Outcomes:

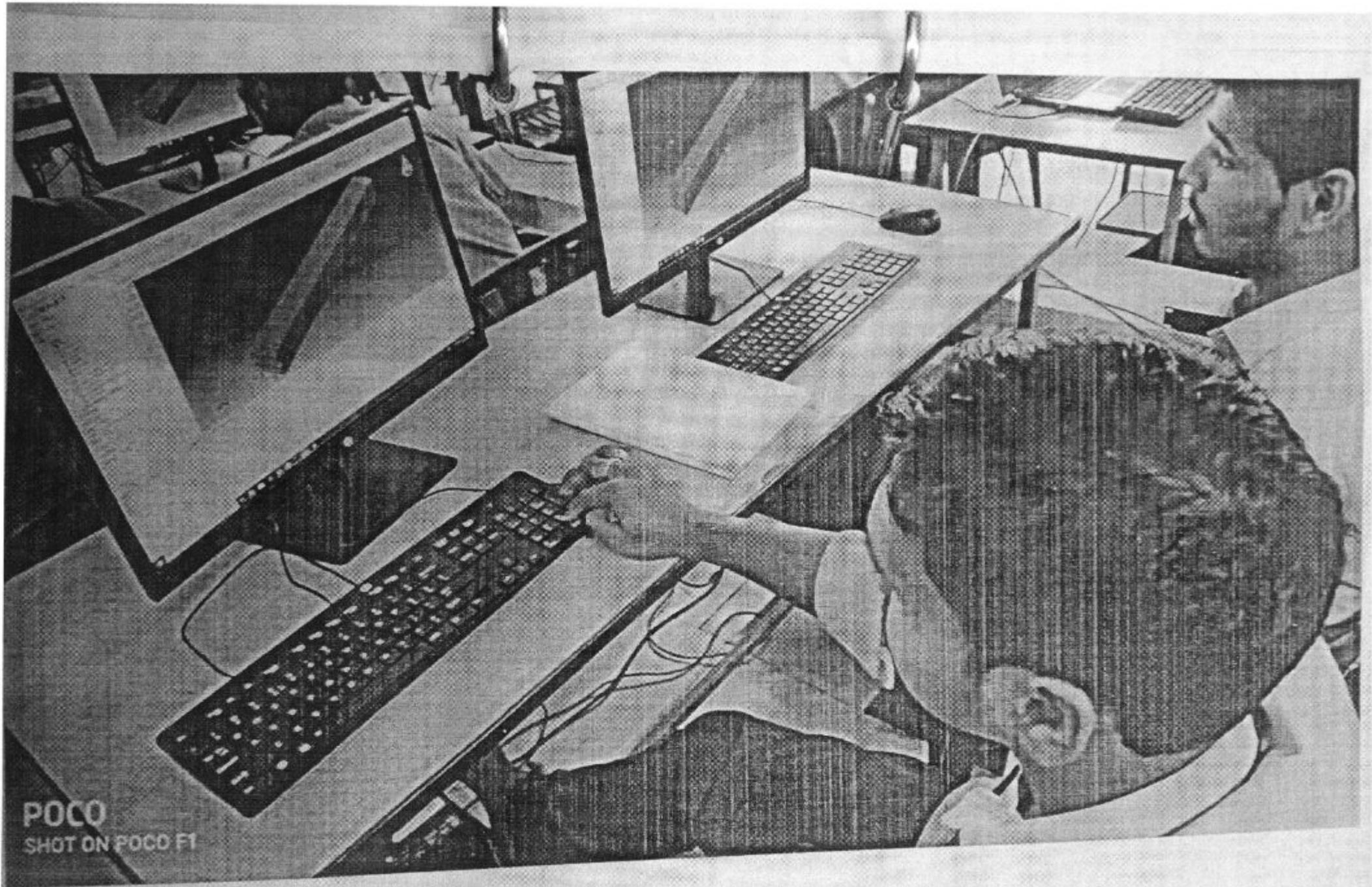
1. Interpret the capacity of vision to interpret and/or convey the technical information in an industrial drawing.
2. Apply graphical representation techniques using traditional metric geometry and descriptive geometry methods.
3. Identify, interpret and apply the current standards on Industrial Technical Drawing.
4. Acquire the knowledge in Computer aided design applications that allow students to elaborate and use graphical and technical information.



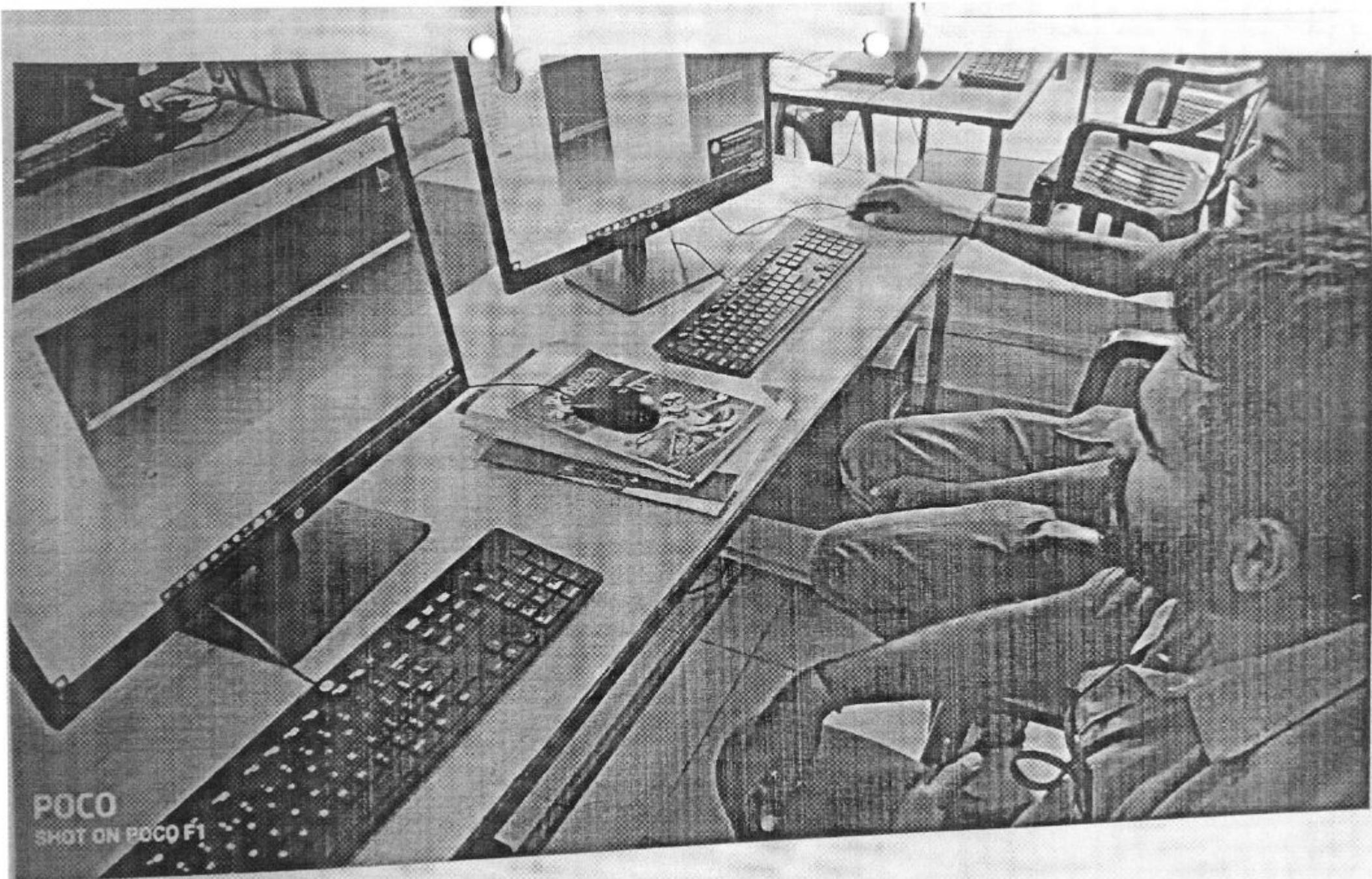




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POCO
SHOT ON POCO F1



POCO
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----- Forwarded message -----

From: venkat k <venkat.k@apssdc.in>

Sent: Saturday, 28 April, 2018, 12:56:44 PM IST

Subject: Hardware Specifications for APSSDC Design Labs

Dear Sir/ Madam

As per discussion held on 26th April 2018. We are sending the hardware specifications. So please arrange 37 system capacity lab with infrastructure.

Find the below attachment for Hardware specifications.

Further Information contact KYN Venkat **8074979938**

Regards

K.Y.N.Venkat

8074979938

Senior Design Engineer

A P S S D C (Andhra Pradesh State Skill Development Corporation)

SIR C.R.R. COLLEGE OF ENGINEERING, ELURU
DEPARTMENT OF MECHANICAL ENGINEERING

S. No.	Date of Purchase	Description	Qty	Unit Cost	Amount	Supplier
1.	28.08.2018	HP Z240T Work Station (Server) Intel i7-7700 Processor/64 GB (4x16 GB) DDB4 RAM /1TB HDD/DVDRW/Linux/3Y War/Nvidia avadro P 1000 4 GB Graphic card/HP 21.5" Monitor	01	Rs. 1,28,000/-	Rs. 1,28,000/-	Machrich IT Solutions Pvt. Ltd 47-10-36, 1 st Floor, IF GVK Towers, Dwaraka Nagar, Visakhapatnam - 530016 Ph. No : 0891-2511076 Invoice No. MIS/0018PIN V/18 -19
2.		HP Z240T Work Station Intel i7-7700 Processor/intel C 236 Chip set /16 GB (2x8 GB) DD R4/1TBHDD/3Y War/Linux Nvidia GT x 1050 Ti 4 GB DD R5 Graphic card/HP 22 W 21.5" Monitor	36	Rs. 76,750/-	Rs. 27,63,000/-	
					Rs. 28,91,000.00	

S.No	Item	Specification
1	Processor Make	Intel/AMD
2	Processor Generation	7th generation or better released in or after year 2017
3	Processor	Intel i5 7200U or higher AMD Ryzen or Xeon E3/E5/Platinum
4	Graphic Type	Dedicated Graphics card
5	Graphics	Nvidia GTX 1080/ Quadro P-series/ Mseries (or) AMD/ Fire Pro (or) AMD/ Radeon Pro
6	Graphics Memory	4GB or more with minimum 64 gb/s memory bandwidth
7	OS	Windows 10 64bit Professional
8	Type of HDD	SATA
9	HDD Size	1TB
10	HDD Speed	5400 RPM
11	Type of RAM	DDR4 nECC
12	RAM Speed	2400 MHz or higher
13	RAM Size	1x16GB DDR4 nECC Memory
14	Expandable RAM	Upgradable to 32GB
15	Wi-Fi Connectivity	Dual Band Wireless 802.11a/b/g/n/ac wireless controller
16	Bluetooth	Bluetooth 4.2
17	USB 2.0	Not Applicable
18	USB 3.0 or Higher	3 Nos or more
19	USB Type C	Not Applicable
20	VGA Port	Yes
21	HDMI Port	In case of no Display Port, HDMI port Supporting 4K resolution
22	Display Port	In case no HDMI, Display port supporting 4K resolution
23	Thunderbolt Port	Not Applicable
24	Display Size	15.6 inch Full HD anti glare
25	Display Resolution	1900x1080 FullHD
26	Display Type	Non touch
27	Keyboard	Spill Resistant keyboard
28	Optical Drive	No Optical drive
29	ROHS Compliance	Yes
30	Certification	The system should be certified by leading ISV's for running their applications. Should be certified to run CATIA softwares on Windows.
31	BIS Registration	Yes
32	Trusted Platform Enabled	TPM 2.0 Hardware Enabled
33	Fingerprint Reader	Yes
34	Battery(Li-Ion Polymer)	Internal/External
35	Battery Backup	Minimum 2 hours with 80% of CPU load, with fast charge
36	Weight with Battery	below 2kg
37	Battery Warranty (Year)	3 years onsite comprehensive warranty
38	Warranty	3 years onsite comprehensive warranty
39	Carry Case	Not Applicable
40	Ethernet Port	Gigabit Ethernet port
41	Camera	720p HD or better web camera
42	Audio	HD Audio with internal speakers
43	Accessories	65W or better power adapter, OEM Make Keyboard and Mouse
44	Touch Pad	Yes
45	H/W Security	Hardware Lock slot with Suitable cable to be provided

46 Additional Software

The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning for leading CATIA softwares on Windows. The tuning software should have modules for resource monitoring over a long period of time, and should be capable of showing GPU utilisation (GPU, Graphics memory and Codec activity) in Windows. A complete Offline Diagnostics and Asset Discovery software suite should be supplied along with the system.

Institution Code: 1426

MEMORANDUM OF AGREEMENT
BETWEEN
ANDHRA PRADESH STATE SKILL DEVELOPMENT
CORPORATION (First Party)
AND
Sir C. R. Reddy College of Engineering (Second Party)

भारतीय गैर न्यायिक

एक सौ रुपये

Rs. 100

रु. 100



सत्यमेव जयते

ONE HUNDRED RUPEES

भारत INDIA
INDIA NON JUDICIAL

ఆంధ్ర ప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

CD 8478

No. 1383 Date 24/8/2018 Rs. 100/-

id to S. Dr. Gutta Samba Siva Rao s/o Raghavaiah
Principal Sir C.R.R collage of Eluru
Engineering Eluru

trans send
Sub-Registr
Ex-Officio Stamp
Valluru

MEMORANDUM OF AGREEMENT

This Memorandum of Agreement (MoA) is entered into on 7th day of August, 2018:
Andhra Pradesh State Skill Development Corporation, a Section 8 Company registered under
Companies Act, 2013 having its Corporate Office at G&J Infra Building, 3rd Floor, D No.78/2, Near
NH-5, Near Pathuru Road, Tadepalli, Guntur District, Andhra Pradesh represented by Executive
Director-I (hereinafter referred to as "APSSDC" or First Party, which expression shall unless
repugnant to this context or meaning thereof, includes its successor in office, legal
representatives and permitted assigns) of the First Part.

And

Sir C. R. Reddy Educational Institutions, an Educational Society, having its office at M R C
Bhavan, Opposite to S.P. Bungalow, G.N.T. Road, Eluru - 534 007, West Godavari District,
Andhra Pradesh represented by Dr. Gutta Sambasiva Rao Principal, Sir C. R. Reddy College of
Engineering (hereinafter referred to as Second Party, which expression shall unless repugnant
to this context or meaning thereof, includes its successor in office, legal representatives and
permitted assigns) of the Second Part.

WHEREAS

- (a) APSSDC is a unique organization formed as a public private partnership (PPP) corporation to promote skill-development & entrepreneurship in the state of Andhra Pradesh. APSSDC is the Executive Agency for the Department of Skill Development, Entrepreneurship and Innovation, Govt. of Andhra Pradesh (GoAP) serving the important task of providing high quality skilled manpower as part of the knowledge and Skills Mission of GoAP. The main objective of the Corporation is to implement a structured and pragmatic solution to skill & upskill the workforce in the State of Andhra Pradesh and to increase employability and promote entrepreneurship in sync with Industrial growth of the State.
- (b) APSSDC has signed a Memorandum of Understanding (MoU) with Dassault Systems India Private Limited to set up a 3D-experience center (3D-EC) for skill development in the State of Andhra Pradesh in the domains of Aerospace, Automotive and Ship-building and also provide skill development/ training for estimated 1 Lakh students in various certification courses in the next three (3) years starting from academic year 2018-19.
- (c) In its endeavours to enhance the Employability Skills of Diploma/Under Graduate and Post Graduate course perusing students, the first party (APSSDC) has selected some of the leading Engineering Colleges for providing the infrastructural facilities additionally required for running the Skill Development programs. In this direction, through this MoA, the first party (APSSDC) intends to associate with Sir C. R. Reddy College of Engineering to train different segments of students and job seeking youth in systematic enhancement of Employability Skills towards gainful employment for students / job seekers.
- (d) The Second Party having been into Educational services through its College by name Sir C. R. Reddy College of Engineering submitted a proposal to the first party, upon understanding the requirements and functions of proposed 3D-experience Centres (3D-EC). As the second party has intention and requirements as per criterion and agreed to provide services to the first party on the terms and conditions as set forth in this MoA.
- (e) In pursuance thereof, the parties have agreed to enter into this Agreement.

A. PURPOSE:

The purpose of this MoA is to sort out the roles and responsibilities of both parties in establishing and managing 3D-Experience Center (3D-EC) for Diploma/ UG/ PG studying candidates in various Polytechnics/Engineering Colleges/University Campuses to enhance employability of students.

ROLES AND RESPONSIBILITIES:

B. FIRST PARTY

The APSSDC shall

- select reputed engineering colleges/Universities through a stipulated procedure;
- provide a platform for registration of trainees online and mapping of institutions and students;
- identify and provide course curriculum to suit latest and future technologies;
- prepare over all calendar of programs and communicate to Second Party;
- Organize Training Programs for all Diploma/ Under Graduate and Post Graduate students. The programs would be of nature, common core (for all students) and modular (elective in nature);
- depute required manpower to manage and co-ordinate Trainings in 3D-EC;
- Install requisite IT infrastructure as listed in Schedule -1 in the 3D-experience Centers (3D-EC) in the earmarked rooms by the second party;
- prepare operational guidelines for 3D-EC to be followed by both the parties;
- will take care of insurance and regular maintenance pertaining to Hardware provided;
- promote Research & Development and Innovation for existing Industries;
- have right on any undefined business and activity that falls under purview of this MoA;
- exercise its right to cancel the permission now granted to the institutions in the event of not fulfilling their obligations.

C. SECOND PARTY

The Academic Institution shall

- provide the building space in terms of Two (2) Computer Labs and One (1) E-Class room with a minimum seating capacity of 60 each room space at the College premises to the First Party for establishing the 3D-experience center allocated to the Second Party. The

- facilitate in collecting the registration fee as communicated by the First Party, from the candidates provided by the Second Party;
- ensure that the software supplied by the first party should not be used other than for the training programs as mentioned in this MoA;
- follow Operational Guidelines as issued by first party from time to time in maintaining activities in 3D-EC.

Compliances:

- **KPIs – Key Performance Indicators (KPIs)** will be developed in mutual consultation with colleges and APSSDC.
- **Monitoring:** The activities of 3D-EC shall be regularly monitored through an IT monitoring system at APSSDC on a real time basis and also through the monitoring committee of APSSDC.
- **Management Information System:** To submit all reports and documents relating to progress of the students on rolls, Accounts, Audit and Annual Work Plan, as specified at such frequency as may be required by APSSDC.
- Details of Data of Number of students passed out, placed (Trained for Employability), and unplaced on year-on-year basis.
- Institutions will face punitive action if found to be:
 - ❖ Charging capitation fee or indulging in any other malpractice
 - ❖ Provided false data in their reports
 - ❖ Unable to achieve targets set by APSSDC/themselves in Proposals consistently
 - ❖ Any non-compliance with the terms and conditions of this Agreement

D Responsibilities of both the Parties

Both the Parties agree that:

- D.1. The Parties shall diligently perform their respective obligation under the Agreement as per the procedure set forth above.
- D.2. To get the evaluation of the programs done by third party for assessing the impact with respect to quality and quantitative placements.
- D.3. Neither Party shall share any Confidential Information with any other party. The sharing of such database by each other will be on trust that it will not be used by either Party for providing any kind of information to any third party.

D.4. The Parties agree to use the Confidential Information only for the purposes of this Arrangement and only as permitted herein under this MoA.

D.5. The 3D-EC shall exclusively be used for in program to be assigned by the First Party to Second Party.

E: Ownership of Assets:

The Second Party irrevocably and unconditionally agrees that the assets provided by the First Party shall not be used for other purposes. The ownership of the IT infrastructure/assets shall lie with APSSDC whereas the second party, would be the custodian of the installed assets.

F. Arbitration:

The Parties shall endeavour to resolve all or any dispute or difference arising out of or connection with this Agreement, amicably within 30 days of notice in writing being issued by the non-defaulting party to the defaulting party indicating such dispute or difference. In case no amicable solution is arrived between the Parties within the said 30 days, then such dispute/s shall be settled through arbitration as per the provisions of the Arbitration and Conciliation Act, 1996 as amended from time to time. The arbitration shall be done by Sole Arbitrator appointed by APSSDC. The written award of the Arbitrator shall be final and binding on all the Parties. The seat and venue for the arbitration proceedings shall be at Vijayawada, Andhra Pradesh.

G. Termination of MoA:

The first (APSSDC) party shall have the right to terminate this MoA without assigning any reasons by giving prior written notice of 60(Sixty) days through its authorized signatory. Without prejudice to the above, either Party may terminate this MoA by giving 30 (Thirty) days written notice through its authorized signatory in the event of any material breach of any of the material terms of this MoA by the other Party. The non-defaulting party shall first serve a written notice of its intention to terminate this MoA to the defaulting party highlighting the material breach and giving the defaulting party a period of 30 days or such extended period as may be mutually agreed to within which to remedy the material breach. Should such event of a material breach remain unresolved/unrectified within the said notice period of 30 days or such extended period as may be mutually agreed to, the non-defaulting shall be able to terminate the MoA forthwith.

H. Representations and Warranties by the Parties

In addition to the above, the Parties hereto represent and warrants to other Parties as under:

- a) That it is duly organized and validly existing under the laws of the jurisdiction in which it was incorporated and has the necessary corporate power and authority under applicable Laws to carry on its business and or perform its functions.
- b) That this MoA
 - I. is within its powers and has been duly authorized by it; and
 - II. does not conflict in any material respect with any law or regulation or its constitutional documents or any document binding on it and that it has obtained all necessary consents for the performance by it under this MoA.
- c) That all information set forth in this MoA is true and correct and is not misleading in letter and spirit.

I. PERIOD OF VALIDITY:

This MoA shall become effective from the date hereof and shall be in force for a period of three years, unless terminated by mutual consent of the parties.

J. LIMITATION OF LIABILITY

Except as agreed and provided under this Agreement, neither of the Parties shall be liable to bear or pay any damages arising out of loss of income, loss of profit, special, incidental, indirect, punitive, exemplary or consequential, to any party including third parties, and all such damages are expressly disclaimed.

K. NOTICES:

Unless otherwise provided herein, all notices or other communications under or in connection with this MoA shall be in English, will be issued in writing and shall be signed by the authorized representative of the issuing / serving Party and may be sent by personal delivery or post or courier or facsimile to the address given above. Any such notice or other communication will be deemed to be effective if sent by personal delivery, when delivered, if sent by post, three days after being deposited in the post and if sent by courier, two days after being deposited with the courier.

L. COMMUNICATIONS AND PUBLICITY:

The Second Party shall ensure that the name and logo of the first party should appear in all publication material. The Second Party shall ensure that the sign board depicting the name of the First Party be affixed outside the college. The Parties shall consult and agree on all and any intended communications, publications, presentations and documentations relating to this Arrangement/ MoA (jointly the "Communication(s)") in advance prior to the intended release. If a MoA cannot be reached, a Party shall have the right to disclaim endorsement and/or

dissociate itself from that Communication(s). No party shall use logo/trade mark etc. of each of the parties without obtaining its prior written concurrence to that effect.

M. IT IS MUTUALLY UNDERSTOOD AND AGREED BY AND BETWEEN THE PARTIES THAT:

AMENDMENT: Amendment within the scope of the instrument shall be made by mutual consent of the parties, by the issuance of a written modification, signed, and dated by all parties, prior to any changes being performed but all rights reserved by First Party can change any point of time needed.

INFORMATION OWNERSHIP: All information provided by First Party shall only be utilized for conducting training and placement assistance and First Party holds no ownership over the content prepared by Second party. First Party will in no way share or distribute any information received with other public or private agencies, organizations, and individuals.

PARTICIPATION IN SIMILAR ACTIVITIES: This instrument in no way restricts First Party from participating in similar activities with other public or private agencies, organizations, and individuals.

NON-FUND OBLIGATING DOCUMENT: This instrument is neither a fiscal nor a funds obligation document.

ESTABLISHMENT OF RESPONSIBILITY: This MoA is not intended to, and not create any right benefit or trust responsibility, substantive or procedural, enforceable at law, by a party against First Party or Second Party.

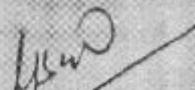
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The parties hereto have executed this agreement as of the last written date below.

For Andhra Pradesh State Skill
Development Corporation

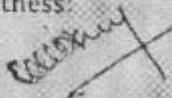
For Sir C.R. Reddy College
of Engineering


T. Anil Kumar
Executive Director - I


Dr. Gutta Sambasiva Rao
Principal
Sir C.R.Reddy College of Engineering
Principal

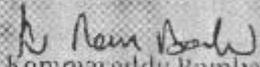
(With stamp) SIR C.R.R. COLLEGE OF ENGINEERING
ELURU - 504007.

Witness:





Witness:


Kommarreddy Rambabu
Correspondent
Sir C. R. Reddy College of Engineering

(with stamp)
CORRESPONDENT
Sir C.R.R. College of Engineering
ELURU - 504007

Dear Sirs

Sub: APSSDC-Dassaults Systems 3D Experience Centre at Your
Institute- Registration of students for training- requested -
regarding.

Greetings of the day.

We hope that your Institute is ready with the Dassaults Laboratory. As per the information given by APSSDC during the roll out programme on 7th August at KL University and subsequent despatch of 36 laptops to your institution, we believe that your Institution is ready with the required server and installation of software etc. As explained during the rollout programme the registration of students to the programme is to be started immediately. Even there are some issues, let the student registration be started immediately at the institution. The following link may be used for registrations.

Registration link: <http://jobskills.apssdc.in/eoi/Registration/dassaultCoe>

While registering candidates, priority may be given like this:

Mechanical/ production-IV,III,II,I years/Civil-IV, III/EEE-IV, III years respectively

As the mentors/ trainers were employed to serve at your Institution for 8 periods, you are requested to utilise their services for all the 8 periods and plan the time table accordingly so that maximum number of students will be benefited from your Institution.

Initially Level -A course will be started and minimum 300 students are to be trained from your institution during initial phase. We will release the number of software licences depending on the number of students registrations at your Institution. Even we are ready to release a maximum of 900 licences to your institution depending on your active part played by your institution.

In case of any problem with student registration, the same may be intimated to us by mail to attend immediately.

If the student registration is completed you can start the training for students. Formally inauguration of your Dassaults 3D- Experience laboratory may be done by inviting eminent persons / officers / experts as per your choice/scope/ convince with a formal intimation to us. If possible our team members (Sri T. Anil Kumar Executive Director, Dr. Ravi Gujjula CGM-Technical, Er. KNS Prakash Rao, Sr. Manager) may join with you on that auspicious occasion.

We request your support in making this project most successful so that our/ your students will get the full advantage of this project.

Thanking you Sir,

With regards

KNS PRAKASH RAO
Senior Manager- Projects
AP State Skill Development Corporation, (APSSDC)
1 Floor, Infosight Building
Service Road : NH-16
Near Pathooru Jn
Tadepalle
Vijayawada
PIN 522501, Andhra Pradesh,
India
Mob: 9705386665
8074980007

conscientiously to develop it as one of the best centers of Academic Excellence in India. The institute offers Undergraduate Programmes offering B.Tech Degree in five major branches of engineering and Post Graduate programmes offering M.Tech degree in seven specializations. Further, the Institute also offers three other Post Graduate Programmes leading to MCA and MBA degrees and Doctoral Programmes.

The Institute has 328 teaching faculty, among which 238 faculty members are with Ph.D qualification and the faculty student ratio of 1:15 is maintained. Many of the Departments are recognized as research centre by JNTUA, Ananthapuramu, with 39 funded research projects by various agencies such as UGC, DST, etc. The faculty members have published their research works in peer-reviewed journals indexed in Scopus, Science Director, Web of Sciences, and other scholarly places. Our faculty members have published around 27 books with reputed publishers. The institute has entered 49 MoUs with higher learning Institutions and Industries. Further, Institute has a well maintained library with 54791 Volumes of Books, access to E-Journals including ASME, IEEE, Science Direct, Springer and other digital libraries. MITS has 1145 computers and Wi-Fi connectivity with a bandwidth of 100 mbps. A good hostel accommodation is provided for both boys and girls. MITS has brought its teaching learning process under ISO certification and is currently an ISO 9001:2008 certified institution.

I now hereby request your kind self to issue the visa to Mr. XXXXX, your name and Designation of Institute name.

This is for your kind consideration and please do the needful.

Regards,

XXXXXXXX

Principal

Phone: XXXXXXXXXXX

Mail: XXXXXXXXXXX

**VI. THINGTRONICS (IOT) SKILL
DEVELOPMENT CENTRE**

SIR C R REDDY COLLEGE OF ENGINEERING, ELURU
DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING
IoT LAB/ Thingtronics IoT Lab

INDEX

S.NO	Details
1	Motivation, Objective, Expected outcomes
2	MoU with ThingTronics
3	Management Permissions
4	Interaction session with students
5	Training program on IoT at ThingTrings
6	MoU with St. Joseph Dental College, Eluru,
7.	Patents Filed
8	List of copyrights
9	List of patents
10	Projects completed using IoT Lab
11	Students paper published

SIR C R REDDY COLLEGE OF ENGINEERING, ELURU
DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING
IoT LAB/ Thingtronics IoT Lab

The motivation to start Thingtronics IoT lab is to encourage the students for peer learning to improve their skills and knowledge.

In our ECE department we started student-Led workshop in the academic year 2015-16 and it has been conducting every year

The senior students and alumni share their knowledge, skills to the students

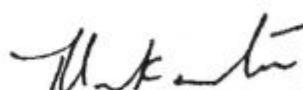
Objective:

To Transfer, the knowledge, skills and experience acquired in the campus and from other technical institutions to junior students

By practicing the student peer learning the students able to improve communication skills, build interpersonal skills, leads to effective teamwork and creates the healthy work environment

Expected Outcomes:

1. The students able to improve and demonstrate technical knowledge
2. The students able to demonstrate communication skills, interpersonal skills and teamwork


Head of the Department
Electronics & Communication Engg.
Sir C.R.R.College of Engineering
Eluru - 534 007

OUTCOMES OF THE THINGTRONICS IOT LAB:

1. Academic and Research collaboration :
 - MoU with the St. Joseph Dental College, Eluru, India
2. Intellectual property rights (IPR) published by students
 - I. Wearable personnel monitoring emergency responsive device
 - II. Portable and wearable alerting and disease preventing device- Colert
3. Copy rights published by the faculty
 - I. IoT based neural-network technique for identifying road cracks in smart transportation
 - II. A vehicle simulation tool by providing WSN inside the vehicle with AI&ML based interfaces
4. Design patents applied by the faculty
 - I. Masthsya Vardhini
 - II. Sanitizer Free Corona Disinfectior- Design Spikes Destructor
5. Patents applied by the faculty
 - I. System and method for monitoring insulating oil quality in transformer
 - II. Multimode real time data transmission system for Aqua culture water monitoring-Fishpond automation with all possible communication to farmers
6. Conducted workshops and student-led workshops to introduce new technologies
 - I. Sensors interfacing to Arduino, Node MCU, Raspberry pi
 - II. Workshops on Internet of Things
7. Student projects completed by utilizing IoT lab
 - I. Final year projects
 - II. Third year mini projects
8. Students participated and published in conference proceedings like
 - National conference on "Artificial Intelligence & Machine Learning" (NCAIM2021) 16th-17th July 2021
 - National conference on Smart Electrical & Communication Technologies (NCSECT2022) 20th-21st May 2022



#15, 3rd Cross, Shirdi Sai Nagar,
K Narayanapura Main Road,
Bangalore-77
India
info@thingTronics.com
+91 99010 79268

CIN: U74999KA2016PTC096609
GST: 29AAFCT9215J1ZW

Memorandum of Understanding

Internet of Things laboratory Setup at Sir C R Reddy College of Engineering

This Memorandum of Understanding is signed on the 21st day of November, 2021, between the following instructions:

A. thingTronics Innovations Pvt Ltd, 3rd cross, Shirdi sai nagar, K Narayanapura main road, R.K Hedge Nagar, kothanoor post, Bangalore - 560077.

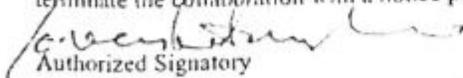
B. Sir C R Reddy College of Engineering, W.G. Dist A.P. Eluru-534007

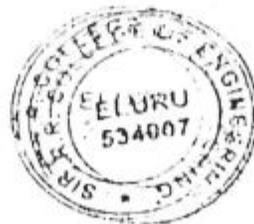
This Memorandum of Understanding is proposed in order to establish a laboratory facility at

B. Sir C R Reddy College of Engineering.

Through this Memorandum of Understanding, the two Parties agree to the Following.

- A steering committee will be set up to monitor the activities of the activities of the MoU. The committee consists of the Manager of M/s thingTronics Innovations Pvt Ltd and Head, Department of Electronics and Communication Engineering, Sir C R Reddy College of Engineering. With mutual consent, the steering committee can be expanded to include more members from the two institutions. The steering committee will be supreme body as far the implementation of the activities.
- Lab Setup:** The College will establish a lab setup for IoT Incubation Center with in the College Primacies. The College will be responsible for purchasing the required equipment and the maintenance of the Lab. thingTronics Innovations Pvt Ltd. agrees to give initial training and learning material to begin the utilization of Lab.
- Curriculum:** The College will explore ways to introduce a lab based courses using IoT in Under Graduate/Post Graduate Engineering Curriculum.
- Faculty Development Program:** Sir C R Reddy College of Engineering will organize a faculty Development Program to help the faculty members to train the students on IoT which will be technically supported by the thingTronics Innovations Pvt Ltd. and train the faculty. The college will provide the necessary infrastructure and other facilities to conduct event successfully.
- Workshops/Events:** If the College wishes to organize a national event in the area of IoT, thingTronics Innovations Pvt Ltd. will Provide Speakers.
- Publicity through Media:** The College does not Publicize the event to other external communication about the MoU in electronic or Print media without explicit permission from thingTronics Innovations Pvt Ltd.
- Validity:** This MoU will be valid for 3 years from the date and each party shall be at full liberty to terminate the collaboration with a notice period of 3 months.


Authorized Signatory
from the Institution:
Principal
SIR C.R.R. COLLEGE OF ENGINEERING
ELURU -534 007



Authorized Signatory
from the Company:





#15, 3rd Cross,
Shirdi Sai Nagar,
BK Hegde Nagar,
K Narayanapura Main Road,
Bangalore - 77, India

thingtronics.com
info@thingtronics.com
+91 961 150 2103

Memorandum of Understanding
Between
Sir C R Reddy College of Engineering
And
thingTronics Innovations Pvt. Ltd.

This Agreement made and entered into on 20-November-2018 between Sir C R Reddy College of Engineering, Vaturu (A.P) And thingTronics Innovations Pvt.Ltd. (here in after called thingTronics) situated at #15, 3rd cross, Shirdi sai Nagar, K. Narayanapura main road, kolhnr (P), Bangalore – 77. This MOU shall be valid for 3 year from the date and each party shall be at full liberty to terminate the collaboration with a notice period of 3 months.

Objectives of the MOU:

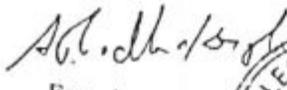
The objective of this Memorandum of Understanding is:

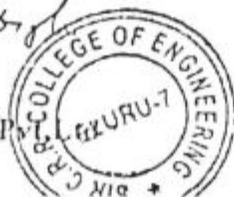
- A. To promote interaction between Sir C R Reddy College of Engineering and thingTronics in mutually beneficial areas.
- B. To provide a formal basis for initiating interaction between Sir C R Reddy College of Engineering and thingTronics.

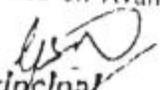
Proposed Modes of Collaboration:

- Sir C R Reddy College of Engineering and thingTronics propose to collaborate through
1. Exchanging of expertise by means of Guest Lectures, Technical Seminars, Workshops and other events (during regular working days) for the benefit of the faculty and students.
 2. Permitting students for One-day Industrial Visit.
 3. Allowing faculty & Staff for industrial training.
 4. Permitting Practical training to students.
 5. Attending campus recruitment where the intake depends up on the clearance of all the rounds by the candidate in selection process.
 6. Consulting projects to college and Guiding students to achieve them.

Note: All the above modes will be decided upon mutual consent based on Availability, Work Schedules and Manpower of Company.


Founder
thingTronics Innovations Pvt. Ltd.




Principal
SIR C.R.R. COLLEGE OF ENGINEERING
ELURU - 534 007.
Sir C R Reddy College of Engineering

SIR C.R.REDDY COLLEGE OF ENGINEERING, ELURU
Department of Electronics & Communication Engineering

Ref: Ref. No: SIRCRRCE/ECE/Accommodation/2018-19/147

Dt: 06.12.2018

To

The Principal,

Sir C. R. Reddy College of Engg,

ELURU.

Respected Sir,

Sub: To establish an Incubation center – MOU with thingTronics- reg.

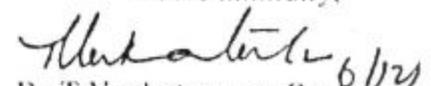
Ref : Report submitted by the team to HOD

As per the discussions held in various occasions with college administration to improve the quality among the students, it is decided to start few incubation centers on recent advancements like IOT. In this connection we have a proposal from a Bangalore based company who are associated with smart city, smart Railway stations and other govt. projects (report enclosed) thingTronics Pvt Ltd.

A 4 member team from the dept. of ECE visited the company for training in the month of October 2018 and submitted a report (enclosed), and invited Mr. A. Radha Krishna, Founder of the company to our college. He visited our dept on 20th Nov 2018 and suggested to procure some basic equipment and components to start an IOT & ES incubation center in the Department of ECE. Approximate cost of the equipment (4.5 lakhs), research space, Infra with systems (3.5 lakhs) are required to establish.

They promised to arrange technical training sessions to our faculty, students, provides internship to our students, not only for ECE but also to CSE, EEE & CIVIL students (one Civil batch students involved in Tirupathi Railway project) as well involves our faculty in on-going Govt. funding projects etc. Hence, we request you to initiate an MOU with the company and also sanction an Incubation center.

Yours faithfully,


Dr T Venkateswara Rao

HOD ECE
Head of the Department
Electronics & Communication Engg.
Sir C.R.R.College of Engineering
Eluru - 534 007



List of Copyrights Filed/Published

S.No.	Name of the faculty	Title of the work	Status
1	Dr.P.H.S.Tejomurthy	IoT based neural-network technique for identifying road cracks in smart transportation	Granted on 24/03/2021
2	K.Miranji	A vehicle simulation tool by providing WSN inside the vehicle with AI & ML based interfaces	Granted on 06/07/2021

F&

2. PATENTS FILED: From 2016-17 to 2021-22

SL.N o.	Title of the Invention	Application No.	Publication Date	Names of Inventors	Proof submitted on
1	Multimode Real time Data Transmission System for Aquaculture water monitoring – Fishpond automation with all possible communication to farmers	20204104630 2 06/11/2020	06/11/2020	Dr T Venkateswara Rao Dr G Samba SivaRao MiranjiKatta V Ranjith kumar	22/01/2022
2	Portable and wearable alerting and disease preventing device - Colert	20204104863 4 13/11/2020	13/11/2020	Adepali Vamsikrishna Dr T Venkateswara Rao MiranjiKatta Settigopichandhradutt Budhavarapuanusha Punamchandrika Kirankumargaddam	22/01/2022
3	System and method for monitoring insulating oil quality in transformer	20214101093 2 15/03/2021	19/03/2021	Dr T Venkateswara Rao MiranjiKatta Dr N Bhupeshkumar V Ranjith Kumar	22/01/2022
4	Sanitizer Free Corona Disinfector-Design – Spikes Destructor	CBR_342262 -001 11/05/2021	12/04/2021 Amended design	Dr G Samba sivaRao Dr T Venkateswara Rao MiranjiKatta V Ranjith Kumar	
5	MathsyaVardhini (Design Patent)	CBR_344264 -001	07/06/2021 Amended Design	Dr G Samba sivaRao Dr T Venkateswara Rao MiranjiKatta V Ranjith Kumar Dr P H S Tejo Murthy DrKantipudiRambabu	22/01/2022
6	Wearable Personnel monitoring Emergency Responsive Device	20214101662 8 23/04/2021	23/04/2021	Adepali Vamsikrishna MiranjiKatta M VamsikrishnaAllu Dr T Venkateswara Rao T vineethkumar R chakrilakshmanaRao Punamchandrika VankayalaTriveni Shaikazman	22/01/2022
7	Hearing aid and Method employed in its functioning	20204101490 2 03/04/2020	15/05/2020	DrMaruthiRangarao DrAzmira Ravi Dr T Venkateswara Rao Drarvindhakumar Madam DR BheemaPrabhakaraRao	22/01/2022
8	ANIMISHA : A Fishpond Automation Gadget	322650-001	18/10/2019	Dr VR Sharma Dhulipala DrVSenthilkumar DrSayyadhkasim Dr P H S Tejo Murthy J ganesh	
9	Smart Soilless Farming Kit	335764-001	22/10/2021	Dr I Hemalatha Dr M Prema Kumar Dr P H S Tejo Murthy DrIjjadaSrennivasarao	22/01/2022
10	Live Start-up Circuit for Band gap Reference (BGR)	20204105231 8	11/12/2020	DrIjjadaSrennivasarao Dr P H S Tejo Murthy D Ajay Kumar	22/01/2022


 Head of the Department
 Electronics & Communication Engg.
 Sir C.R.R.College of Engineering
 Eluru - 534 007

SIR C R REDDY COLLEGE OF ENGINEERING, ELURU - 7
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGG.

2019-20 HARDWARE PROJECTS

The following projects of 4/4 ECE have been completed by utilizing IoT lab in the AY: 2019-20

S.No	Regd. Number	Project area	Name of the guide
1	316177112050,185,41,31,48	IoT based smart LPG monitoring and automatic booking system	P.Srinivasulu
2	316177112037,16,32,47	Health care monitoring system and transforming monitor data in to real time clinical feedback based on IoT using raspberrypi	A.M.Vamsi krishna
3	316177112046,42,190,58	Design and development of smart and intelligent multifunctional wheel chair	Dr.M.Ravikumar
4	316177112015,38,188,17	Finger print and biometric smart banking machine embedded with GSM technology for OTP using IoT	Dr.Ch.MadhavaRao
5	316177112019,189,29,34	Smart irrigation system using IoT	Dr.T.HS.Tejomurthy
6	316177112084,116,91,194,86	Women security system using GSM and GPS	M. Narendra Kumar
7	316177112115,68,90,72,108	Identification of moving objects and implementation using iot	Dr. T. Venkateswara Rao
8	316177112096,113,199,106	Mine safety system using internet of things	Dr. Ch Madhav Rao
9	316177112085,78,192,69	Design of an embedded based control system for efficient sorting of plastic using infrared spectroscopy	M. Greeshma
10	316177112098,81,104,193	Bike theft security system using GSM and GPS	CH Jayaprakash
11	316177112073,112,87,63	Smart home: controlling home activities using IoT	N.suneetha
12	316177112191,79,77,64	Real time embedded face recognition for smart home	K. Lavanya
13	316177112094,97,201,197	Implementation of voice based home automation system using smart app	N. Swathi
14	316177112105,102,93,100	Intelligent shopping trolley using RFID and raspberrypi with iot	Y. B. N. V. Bhaskar
15	316177112155,146,156,138	Monitoring on Extrication of fisherman	R.Trinadh
16	316177112172,171,161,121	Design and implementation of an efficient AQM system using IoT	A.Ramkumar
17	316177112128,210,135,157	RF ID assistant smart authentication system using IoT	V.Ranjith kumar

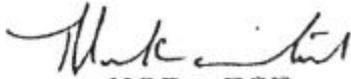

 Head of the Department
 Electronics & Communication Engg.
 Sir C.R.R.College of Engineering,
 Eluru - 534 007

SIR C R REDDY COLLEGE OF ENGINEERING, ELURU – 7
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGG.

2020 -21 HARDWARE PROJECTS

The following projects of 4/4 ECE have been completed by utilizing IoT lab in the AY: 2020-21

S. No	Regd. Number	Project area	Name of the guide
1	17B81A0405,40,07,57,51	IoT Auto Temperature Scan Entry System-Thermal Flap Barrier COVID Prevention.	Mrs.N.Swathi
2	17B81A0421,19,17,28,26	Social Distancing Using Deep Learning.	Dr. R.Satish
3	17B81A0442,41,35,LE-12,E3	Plant Disease Detection Using Machine Learning.	Mrs.V.Swathi
4	17B81A0425,LE-08,39,29	Unique Identification For Monitoring of COVID-19 Using Internet – of- Things.	Dr. M.RaviKumar
5	17B81A04B9,LE-25,A9,B8,A8	Prediction of Heart Disease Using Machine Learning.	Mr.Ch.Jaya Prakash
6	18B81A0426,17B81A095,LE-16,A0,91	Remote Monitoring of Food Spoilage Using Smart Technology,	Mrs.P.Sowmithri
7	17B81A04B1,80,66,96,LE-27	Speech Emotion Recognition Using Python.	Mrs.V.Vamsi Sudheera
8	17B81A04B3,81,A3,94,63	Credit Card Fraud Detection Using Machine Learning.	Mr.Ch.Jaya Prakash
9	17B81A04D0,D9,G3,C6,F0	Implementation Of High Performance Parallel Prefix Adder Architecture.	Mr.H.Sudhakar
10	17B81A04C2,E7,D7,01	Co-alert: A Social Distancing Remainder.	Mr.K.Miranji
11	17B81A04H6,G6,D8,F2	Personal Monitoring And Emergency Response Device.	Mr.A.M,Vamsee Krishna


HOD – ECE
 Head of the Department
 Electronics & Communication Engg.
 Sir C.R.R. College of Engineering,
 Eluru - 534 007