



ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Permanently Affiliated to JNTUK, Accredited by NBA & NAAC
Recognized by UGC under Sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533 437, E.G. Dist., Ph: 99631 76662.

3.5.2 Number of functional MoUs with institutes, other universities, industries, corporate houses etc during the year.

A Memorandum of Understanding (MOU) is to establish a framework for collaboration between the college and the company and their mutual commitment to help out each other. Towards exchange of knowledge and technology between industry and academia, the Institute has signed MOUs with reputed firms.

Year	2021 -2022
Number of Functional MOUs	06

Six functional MoUs with Institution, other universities, industries, corporate houses etc are available during the year.




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3.5.2 List of Number of functional MoU's with institutions, other universities, industries, corporate houses etc. during the year.

AY: 2021-22

Date: 13-05-2023

S.NO	Organization with which MOU is signed	Name of the institution/ industry/ corporate house	Year of signing MOU	Duration	List the actual activities under each MOU year wise	Number of students/teachers participated under MOUs
1	EPAM centre of excellence	Aditya College of Engineering	2021-22	1 year	Training Program for faculty on Devops	4
2	Apostlesway Technologies Pvt. Ltd	Aditya College of Engineering	2021-22	1 Year	Awareness program on placements, Internship, placement for trained students	85
3	KNR Edu services Pvt. Ltd	Aditya College of Engineering	2021-22	2 years	Certification Program on Gate training	46
4	Krify Software technologies Pvt. Ltd	Aditya College of Engineering	2021-22	Life long	Provide industrial trainings, internship, guest lecture through industry institute interaction	61
5	Manihamsa Power Projects Ltd.	Aditya College of Engineering	2021-22	Life long	Guest Lecture on Hydro Power Generation, Industrial trainings and Visits	90
6	Electro Pro	Aditya College of Engineering	2021-22	Life long	seminar on Internet of Things, Industrial Visits	45



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6	Electropro	Aditya College of Engineering	2021	Life long	seminar on Internet of Things, Industrial Visits	45
7	CEMS	Aditya College of Engineering	2020	3 years	Internship, short term courses,	36
8	CL media	Aditya College of Engineering	2019	2 years	Publishing research papers	13
9	Andhra Pradesh Innovation Society	Aditya College of Engineering	2019	2 years	Certification Programs	15

10	ADISABABA	Aditya College of Engineering	2019	1 Year	provide knowledge on programming in Advanced C, Data structures, JAVA, Python	65
11	Novel Patent Services Private Limited	Aditya College of Engineering	2019	5 Year	Publishing patents	9
12	AMPHISOFT Technologies	Aditya College of Engineering	2019	1 Year	Technical skill development training program	8
13	TESSOLVE	Aditya College of Engineering	2019	Life long	Internship	1



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MEMORANDUM OF UNDERSTANDING
EPAM Center of Excellence - 2022

This Memorandum of Understanding (the "MOU") is entered into by and between Aditya College of Engineering, Aditya nagar, A.D.B Road, Surampalem, East Godavari District, Andhra Pradesh, 533440, herein after referred as "Academic Institute" and EPAM Systems India Private Limited, Salarpuria Sattva Knowledge City 10th, 11th, 12th Floors, Unit 2&3, plot No. 2, phase 1, Survey No. 83/1, Raidurg Village, Serilingampally Mandal, Ranga Reddy District, Hyderabad, referred as "EPAM", for the purpose of setting forth their understanding as to the terms under which they would contemplate pursuing a mutual relationship for jointly carrying out the specific business activities described herein. Academic Institute and EPAM Systems may be jointly referred to herein as the "Parties and each of them, a "Party".

This MOU sets forth a summary of the essential terms of the contemplated business relationship but is not exhaustive of all the terms the Parties will require in the final binding agreements between them. It is the Parties' intent that this MOU provides an outline for the preparation of the definitive documentation between the Parties as to the subject matter hereof (the "Definitive Documents").

The parties involved in covenant are to be obliged in consideration of the foregoing recitals.

1. Objective:

Its mutually agreed to have a COE program to meet the following objectives.

- To meet the increase in demand for Quality IT Engineers every year
- To bridge the gap between Industry and Academics
- To quickly bring the curriculum and students on par with the latest Industrial standards
- EPAM may hire such students through an assessment, once reached to that Industrial standard

2. Duration of MOU:

This MOU shall be operational upon signing and will have an initial duration of one year. Upon a mutual consent, this MOU shall be renewed at the end of each year OR terminated by sending it in writing after completion of one year. However, once signed this MOU can't be terminated within ONE year from the date of signature or extension.

3. EPAM Offering:

Once a MOU is signed with an Academic institute, EPAM sets up a Center of Excellence in 5 different Practice areas including – Java, Front-end, Automation Testing using Java/Selenium, .Net and Cloud & DevOps. Depending on the several factors, these practices may change year to year. But will be confirmed by the time of signing or extending the MOU. As a part of establishing the COE, EPAM does the following:

- For each of the nominated Practices, provides free training to ONE or TWO faculty members of the Academic Institute for a Period of Three Months. Number of Practices that EPAM trains will depend on the Practice nominations made by the Academic Institute at the time of signing or extending the MOU.
- Training is provided 8 hours a day (except during the weekends and public holidays) at the EPAM Headquarters in Hyderabad



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- Provides the needed infrastructure including Laptop, access to the required software / tools during the training period at Hyderabad office.
- Lunch will be provided for the faculty, who are getting trained at EPAM, Hyderabad for free of cost during the training period
- Free Mentor support to the faculty members during the training period
- Allows the Academic Institutes to nominate not more than 100 students to get registered with EPAM for subsequent trainings and mentor support
- Through an assessment test, employment offers are made to a set of selected students from the list of registered students.
- EPAM will provide the certification on successful completion of Training program as mentioned in this MOU.

4. Expectations from the Academic Institute:

Once MOU is signed, the following are expected from the college, failing which may lead to the termination of the agreement.

- Nominates ONE or TWO faculty members from each of the Practices, for which nomination is being made
- During entire period of the training, allows nominated faculty members to be with EPAM for full time, without any additional responsibilities from the college side
- Takes care of Accommodation, Transportation and any other logistics for the nominated faculty members during the entire training period at EPAM, Hyderabad
- During the training program schedule, any emergencies or Medical Insurance or any other incidental expenses will be taken care by the respective college or university
- Registers not more than 100 students with EPAM, who later gets trained remotely by EPAM.
- Post completion of training – trained faculty members will train the registered students with EPAM as required
- Academic Institute should ensure that, faculty does not leave the institute for at least 6 months post the training the program at EPAM.
- Allow students from their college, who are pre-selected by EPAM to be part of the subsequent trainings (given by EPAM and trained faculty members. These students are in addition to the registered by the Institute.
- Once selected by EPAM, doesn't allow the students to be part of other campus interviews (unless it is a "Dream Package" offered by the other companies)

5. Eligibility for the Faculty Nomination:

EPAM expects to have the following qualifications for the faculty, who are nominated by the Academic Institute for the trainings of each Practice at EPAM, Hyderabad.

- If the nominated faculty holds a bachelor's degree, should have at least 3 years of teaching experience
- If the nominated faculty holds a master's degree, should have at least 2 years of teaching experience
- Should be able to code comfortably using one of the Programming Languages from Java, Python and .Net. Please note that the faculty that can code only using C or C++, are NOT eligible to get nominated
- Should be enthusiastic to learn with active participation during the trainings provided at EPAM, Hyderabad location



6. Successful Training Completion Criteria for the nominated Faculty:

The following criteria determines "Successful Completion" of the training given to the nominated faculty members in different Practices.

- 90% of Attendance
- On time completion of assignments with 80% or above marks including in final assessment. Evaluation reports will be sent every fortnight with respective management of colleges/universities
- Active participation in the training program with learning enthusiasm

7. Eligibility for the Student Registration:

EPAM expects to have the following qualifications for the students, who are registered by the Academic Institute for the trainings provided by EPAM remotely and in-person trainings given by their trained faculty.

- Students studying in the Final year of graduation are eligible for the registration
- For the Practices other than Automation Testing (using Java / Selenium), students should hold any bachelor's or master's degree related to the Computer Science. They should have Minimum 60% marks throughout (SSC to current stage) in aggregate as on the date of registration.
- For Automation Testing Practice, the registered students may hold any degree but having an aggregate of 60% by the time of registration is required
- EPAM may change the eligibility criteria at any given point of time with prior intimation, based on business demand if any.

8. Criteria for Offering the Internship to the students from the Academic Institutes:

For all the registered students from Academic Institutions (who qualifies for registration as per eligibility criteria mentioned in this MOU), EPAM adapts two-fold selection process as mentioned below:

- A coding round challenge test is conducted, where the assessment is done on basic Java. A conditional offer is issued for the Internship to the shortlisted candidates
- These shortlisted candidates will undergo remote EPAM trainings for about 3 months. Post the trainings, they will undergo another series of Tech Round (in the Practice area where they took trainings) and HR Round interviews to get qualified for Internship
- Students, who didn't get shortlisted in the initial round of coding challenge, still will have another chance by undergoing remote trainings given by EPAM and in presence training given by their trained faculty members for about 3 months (these are the same trainings that is given to the shortlisted students in the initial coding round)
- Post these trainings, another series of Tech Round (in the Practice area where they took trainings) and HR Round interviews to get qualified for Internship.
- Students who get shortlisted in the initial round of coding challenge are preferred to get the offers first. Whereas the students, who get qualified after completion of trainings will be offered in the subsequent batches.



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9. Internship/Employment opportunity:

Following salaries will be offered to the qualified candidates at the different stages during their tenure at EPAM as an Intern

- Interns are allowed to take leave only for external semester exams, not for any internal exams or project reviews during weekdays.
- Internship is offered as soon as the selected students joins EPAM, post completion of their trainings at their Academic Institute. They will be offered with Rs.15,000/- salary per month from the date they join EPAM
- This internship amount continues till they graduate from the college. As soon as they get graduated, they will undergo an assessment for next level (L2). Upon successful qualification from this assessment, salary offered will be Rs.12,00,000/- per annum
- If the candidate fails the next level assessment with minimal gaps they continue to stay at the existing level (L1), and salary offered will be Rs.8,00,000/- per annum
- Students who do not meet the expectations of L1/L2 will be asked to leave the organization

10. Intellectual Property:

All intellectual property rights, title and interest in the materials, information, assets, or systems developed during the training of the nominated faculty members at EPAM shall remain solely vested with the EPAM. All intellectual property, including copyrights, patents, patent application, trademarks and other intellectual property shall remain the property of the originating party or its licensors. Each party shall retain all rights, title and interest in its intellectual property and neither party grants the other party any rights to use its intellectual property unless and until otherwise provided in a written agreement signed by the Parties. Each party may, at any time and in its sole discretion, revoke any rights granted to the other Party to use its intellectual property (including any logos and/or trademarks).

11. Confidentiality & Security:

Each party agrees that it shall not, at any time, after executing the activities of this MOU, disclose any information in relation to these activities or the affairs of business or method of carrying on the business of the other without consent of both parties. The parties agree that the NDA appended to this MOU shall apply.

12. Force Majeure:

Neither parties shall be liable for failure to perform their respective obligations if such failure is as a result of Acts of God (including fire, flood, earthquake, storm, hurricane or other natural disaster), war, invasion, act of foreign enemies, hostilities (regardless of whether war is declared), acts of any Governmental Authority after the date of this Agreement, strikes and other labor difficulties and other events or circumstances beyond reasonable control.

13. Implementation of MOU:

- (a) Except as otherwise agreed in writing by the parties, each party shall pay and assume entire responsibility for their respective costs and expenditures whatsoever incurred in connection with their activities under this MOU.


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- (b) Except for claims for personal injury or death or any other claims that cannot be limited by applicable law, a Party's (or their affiliates) aggregate liability for all claims arising under this MOU or in relation to the Services shall be limited to 800,000 INR. Subject to the foregoing, neither Party shall be liable to the other party or its affiliates (whether in contract, tort including negligence or otherwise) for any loss or profit, loss of revenue, loss of data, loss of goodwill or for any special, indirect or consequential loss or damage suffered by any other party.
- (c) The Parties have no intention to form any partnership, agency or authorized representative relationship among them and no such relationships are to be formed by virtue of this MOU. None of the Parties shall enter any contract or commitment on behalf of the other Party(ies).
- (d) Each Party shall be responsible for its own acts and omissions in connection with this MOU and its implementation.

14. Legal Effect:

Except for the provisions of clauses 10, 11 and 13, this MOU is not legally binding but serves only as an expression of the basic principles for the planning and implementation of relationship between the parties and does not itself otherwise constitute a legal agreement and shall not otherwise create any legal obligations, rights or liabilities for either party, including the obligation to continue negotiating in good faith. This MOU sets out the entire agreement of the parties and no further obligations, rights or liabilities shall be binding on either party unless expressed in a formal written agreement signed by both parties. Additions to this MOU shall only be valid if made in writing.

15. Addendum:

Please refer to the addendum for the exact dates of Training and tentative dates of assessment tests conducted for the students.

Now, Therefore, in consideration of the aforesaid recitals, the mutual covenants and agreements herein set forth and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereto, intending to be bound legally and signed in this agreement on the day date, month and the year mentioned hereto before:

For Aditya College of Engineering

For EPAM Systems India Pvt. Ltd.

Name: Dr. A. Ramesh
Designation: Principal
Date: 4/07/2018

Witness
Name:



Name: Srinivas Mummareddy
Designation: EPAM India GDO Head
Date:



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Ph: (0884) 2326224, 99631 76662, Email: office@acoe.edu.in, Website: www.acoe.edu.in

10-05-2022

From
Principal
Aditya College of Engineering
Surampalem

To
EPAM India GDO Head
EPAM Systems India Pvt. Ltd.
Hyderabad

I hereby authorize Mr. V. Nagaraju, Head - Placements & Corporate Relations, Aditya Group of Institutions to sign the Memorandum of Understanding (MOU) on behalf of Aditya College of Engineering, Surampalem as Educational Partners for setup of Center of Excellencies (EPAM COEs) in our College with the following objectives and defined offering as per MOU for one year.

- To meet the increase in demand for Quality IT Engineers every year
- To bridge the gap between Industry and Academics
- To quickly bring the curriculum and students on par with the latest Industrial standards
- EPAM may hire such students through an assessment, once reached to that Industrial standard



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Aditya Nagar, ADB Road, Surampalem - 533 437, Near Kakinada, E.G.Dist., A.P., INDIA



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EPAMSYSTEMSINDIAPRIVATELTD.
RECOGNIZESANDCONGRATULATES

Y. DURGA PRASAD

FROM,
ADITYA COLLEGE OF ENGINEERING

FORCOMPLETINGTHETRAINING

STREAM: DEVOPS

PERFORMANCE: MET THE EXPECTATIONS

EPAMCENTEROFEXCELLENCE(COE-2022)
FROMMAY2022TOAUG2022(3MONTHS)

**EMMANUEL
GOSULA**
SENIORRD MANAGER

**SHANTHIKUMAR
CHILUMULA**
DIRECTOR, OPERATIONS

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Aditya College of Engineering
SURAMPAL EM-533 437

PRINCIPAL

Aditya College of Engineering

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TRAINING

Certificate of Recognition

EPAM SYSTEMS INDIA PRIVATE LTD.
RECOGNIZES AND CONGRATULATES

S. CHITTIBABU

FROM,
ADITYA COLLEGE OF ENGINEERING

FOR COMPLETING THE TRAINING

STREAM: DEVOPS

PERFORMANCE: MET THE EXPECTATIONS

EPAM CENTER OF EXCELLENCE (COE - 2022)
FROM MAY 2022 TO AUG 2022 (3 MONTHS)

**EMMANUEL
GOSULA**
SENIOR R&D MANAGER

**SHANTHIKUMAR
CHILUMULA**
DIRECTOR, OPERATIONS

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A. HANUMANTHRAO

FROM,
ADITYA COLLEGE OF ENGINEERING

FOR COMPLETING THE TRAINING

STREAM: DEVOPS

PERFORMANCE: MET THE EXPECTATIONS

EPAM CENTER OF EXCELLENCE (COE - 2022)
FROM MAY 2022 TO AUG 2022 (3 MONTHS)

**EMMANUEL
GOSULA**
SENIOR R&D MANAGER

**SHANTHIKUMAR
CHILUMULA**
DIRECTOR, OPERATIONS

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Y. SURESH KUMAR

FROM,
ADITYA COLLEGE OF ENGINEERING

FOR COMPLETING THE TRAINING

STREAM: DEVOPS

PERFORMANCE: MET THE EXPECTATIONS

EPAM CENTER OF EXCELLENCE (COE - 2022)
FROM MAY 2022 TO AUG 2022 (3 MONTHS)

**EMMANUEL
GOSULA**
SENIOR R&D MANAGER

**SHANTHIKUMAR
CHILUMULA**
DIRECTOR, OPERATIONS

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२१.४.२०२२ Sarojini Educational Society Kakinada
(Aditya College of Engineering Surampalem)

DA 780237
G.V. SATYAVATHI
NEAR BUS STAND
PEDDAPURAM
LC No. 04-07-01-2014
No. 04-07-07-2020
99536 79790

MEMORANDUM OF UNDERSTANDING BETWEEN
APOSTLESWAY TECHNOLOGIES PRIVATE LIMITED

AND

ADITYA COLLEGE OF ENGINEERING, SURAMPALEM.

FOR

OUTCOME BASED TRAINING, SKILL DEVELOPMENT, PLACEMENT AND RELATED
SERVICES

This Agreement is entered into on the 22nd DAY of April 2022 by and between

Apostlesway Technologies Private Limited, 19-184A, Dabbi Street, Salur, Andhra Pradesh, branded as
"PurpleLane", hereinafter referred to as First Party

AND

Aditya College of Engineering, Surampalem hereinafter referred to as Second Party.

1. PURPOSE

Both parties believe that the cooperation between the two will be a major benefit to
the student community to enhance their skills and knowledge


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- 1.1. Both parties believe that collaboration and cooperation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

2. SCOPE

- 2.1. **Skill Development:** The First Party will train the students of the Second Party on the emerging technologies in order to bridge the gap in skill and make them ready for industry.
- 2.2. **Placement of Trained Students:** The First Party will actively engage to help the delivery of the training and placement of students of the Second Party into internships/jobs.
- 2.3. **Awareness:** The Second Party shall create awareness amongst its students for promotion of the programs offered by the First Party.

3. VALIDITY

- 3.1. This Agreement is signed for an initial period of 12 months and may be renewed by mutual agreement between the parties.
- 3.2. Both Parties may terminate this agreement upon 30 calendar days' notice in writing. In the event of termination, both Parties have to discharge their obligations.

4. PAYMENT

PLAN

- 4.1. The Parties hereby agree to the payment plan as described on Exhibit A attached hereto (the "Payment Plan").

5. ELIGIBILITY

TERMS

- 5.1. The Parties hereby agree to the placement program eligible terms as described on Exhibit B attached hereto (the "Eligibility Terms").

6. CONFIDENTIALITY

- 6.1. The First Party (and/or its licensors) own all right, title and interest in and to the Services, including, without limitation, all audio/visual content, artwork, photographs, illustrations, graphics, logos, copy, text, computer code, software, music, data, user interfaces, visual interfaces, information, materials, and all copyrightable or otherwise legally protectable elements of the Services, including, without limitation, the design, selection, sequence, look and feel, and arrangement of the Services, and any copyrights, trademarks, service marks, trade names, trade dress, patent rights, database rights and/or other intellectual property and/or proprietary rights therein (including with respect to any content contained and/or made available in any advertisements or



information presented to you via the Services).

- 6.2. The Second Party may not allow any third party (whether or not for your benefit or otherwise) to alter, delete or conceal any copyright, trademark, service mark or other notices contained on the Services;

EXHIBIT A PAYMENT PLAN

1. The Students pays to the First Party ☐10,000 (Rupees Ten Thousand Only) per learner enrolled for the skill development and placement assistance as agreed upon by both parties.
2. The Students will pay the remaining installment ☐15,000 (Rupees Fifteen Thousand Only) amount which is agreed upon by both parties in two installments.
3. In the event of termination of this agreement by either party, the amount will not be refunded.

EXHIBIT B PLACEMENT ELIGIBILITY TERMS

1. The student must be proficient in spoken and written English.
2. The student must demonstrate sufficient skills in communication, collaboration and motivation.
3. The student must be able to pass any background checks associated with jobs that you apply for. Without limiting the foregoing, if the student fails to obtain a job offer directly or partially due to their failure to pass a background check associated with the job offer, they will not be eligible for the placement program.
4. The student must have completed all the mandatory requirements of the course, including:
 - a. The student must submit all course assignments/exercises/projects, get certified by Adobe and qualify in the design test within the course validity period without any plagiarism.
 - b. The student must meet or exceed expectations on all core projects, according to the provided rubrics. The students are welcome to submit improved versions based on your mentor's feedback until they meet expectations.
 - c. The student must have completed and passed all career development tasks that are (a) listed in the curriculum, and (b) personally assigned to them by First Party career coaches. This includes without limitation taking all calls and passing mock interviews. Failing to pass mock interviews may terminate eligibility for this program.
 - d. Without limiting the foregoing, situations that void Placement program include, but are not limited to:

- i. The student turned down a job offer provided by the First Party.
- ii. The student decides to search for a role that does not meet the First Party Career Services team criteria, or is outside of the software engineering field/industry.
- iii. The student does not want to work in one of the received job location areas.
- iv. The student does not apply for jobs that are suggested by the First Party or as discussed in their calls with the First Party Career Services team.
- v. Student no-show or reschedule/cancel a call with less than 24 hours notice with a mock interviewer or with a real interviewer 3 or more times.

SIGNATURE OF THE AGREEMENT

This agreement is effective from the date of signing by both the parties and will be valid for a period of 12 months until determined, suspended or terminated earlier.

IN WITNESS WHEREOF, the parties hereto, each acting under due to proper authority, have executed this mutually binding Agreement as of the date first written above.

Accepted and Agreed

FOR AND BEHALF OF FIRST PARTY

By [Signature]
 Name : K. Santosh Srinivas
 Title : CEO, PurpleLane
 Date :



Witness

By [Signature]
 Name : Vana Vinod
 Title : Vice President
 Date : 22-04-2022

FOR AND BEHALF OF SECOND PARTY

By [Signature]
 Name : A.RAMESH
 Title : PRINCIPAL
 Date :



Witness

By [Signature]
 Name : T.V.S Ramachandran
 Title : A.O.
 Date : 22-04-2022

[Signature]
 PRINCIPAL
 Aditya College of Engineering
 SURAMPALEM-533 437

21/04/22, 10:10 AM

Mail - ADITYA HOD_CSE - Outlook

Re: Request for Providing Awareness Program on Placements

APOSTLESWAY TECHNOLOGIES PRIVATE LIMITED <santoshsrinivas@purplelane.in>
Tue 21/04/2022 1:30 PM

To: ADITYA HOD_CSE <hod_cse@acoe.edu.in>

Dear Sir

We have received your request regarding workshop. I would like to inform you that we can provide the Awareness program on Placements on 25th April 2022 and the certificate of same can be delivered after a month.

Thanks & Regards
APOSTLESWAY TECHNOLOGIES PRIVATE LIMITED

From: ADITYA HOD_CSE <hod_cse@acoe.edu.in>
Sent: 20 April 2022 11:15 AM
To: APOSTLESWAY TECHNOLOGIES PRIVATE LIMITED <santoshsrinivas@purplelane.in>
Subject: Request for Providing Awareness Program on Placements

On wed 20 April 2022 at 11:15 AM ADITYA HOD_CSE <hod_cse@acoe.edu.in> wrote:
Respected sir,

On behalf of Aditya College of Engineering, Computer Science and Engineering, I would like to request you to provide an Awareness program on Placements for our students. We wish to conduct this Awareness program in the month of April. Therefore, please provide any date in April so that we may conduct our Program. Kindly do the needful for which I shall be very much thankful to you.

Thank you.

Dr. G.S.N Murthy

Head of the Department

Department of Computer Science and Engineering

Aditya College of Engineering

Surampalem

Mail: hod_cse@acoe.edu.in

<https://outlook.office.com/mail/id/AAC0AGU2MmlwOTQhYjkyYXU2SsftqktroeKqYzUINDA2Z1HMjdmLT11NTY2ZWY0M2UDMAAQANse7itrcidkqghhL23TKS0%3D>


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Aditya Nagar, ADB Road, Surampalem - 533 437, E.G.Dist., Ph: 99631 76662.

Department Computer Science and Engineering

A Report on

One day Awareness Program on "Placements"

Course overview:

The awareness program covered outcome based training, skill development, placement and related services.

Resource Person:

Mr.K.Santosh Srinivas,
CEO, Purplelane,
Apostlesway Technologies Private Limited,
Salur, Andhra Pradesh.

Schedule of Course:

Venue: Seminar Hall, Ramanujan Bhavan, Aditya College of Engineering

Dates: 25th April 2022

Duration: 1 day

Timing: 09:30 A.M to 4:30 P.M

Target Audience:

Students of IV year I semester B.Tech (CSE)

Department of CSE Awareness Program on "Placements" during 25th April 2022 with the permission from Principal. For this Lectures Mr.K.Santosh Srinivas CEO, Purplelane, Apostlesway Technologies Private Limited, Salur, Andhra Pradesh. Was invited as visiting resource person. Students of IV year I semester B.Tech (CSE) students attended these lectures. During this day, the speaker explained the Awareness Program on "Placements".


Head of the Department


PRINCIPAL
Aditya College of Engineering
SURAMPALAM-533 437



ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Permanently Affiliated to JNTUK & Accredited by NAAC
Recognized by UGC under Sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533 437, E.G.Dist., Ph: 99631 76662.

26-04-2022

To

Mr.K.Santosh Srinivas,

CEO, Purplelane,

Apostlesway Technologies Private Limited,

Salur, Andhra Pradesh.

Sub: Letter of appreciation for giving awareness program on **"Placements"**—Reg.

Sir,

Excellence is the hall mark of Aditya College of Engineering, which will deliver professional manpower to the industry and the nation at large. We at ADITYA are producing engineers who will create a New World! We constantly strive to provide the best of the faculty members and the state-of-art facilities to students.

It's our immense pleasure to convey our appreciation to Mr.K.Santosh Srinivas CEO,Purplelane, Apostlesway Technologies Private Limited for taking such a wonderful awareness program on **"Placements"** for our students. We truly thank for your skills in talking about different angles of the subject with different case studies was highly appreciated. Thanks again for a truly memorable presence. We hope to get a chance to conduct such lectures from you in future also.

Yours sincerely,

PRINCIPAL

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SURAMPALAM-533 437

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Department of Computer Science and Engineering

Surampalem

23-04-2022

CIRCULAR

Students of IV year I semester B.Tech (CSE) are hereby informed that a series of lectures will be delivered by Mr.K.Santosh Srinivas , CEO, Purplelane, Apostlesway Technologies Private Limited, Hyderabad on **Awareness program on Placements** on the following date – 25th April 2022. All the students are directed to attend without fail and get benefitted with these lectures.

Head of the Department

Principal

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23-04-2022

To
Dr. G.S.N Murthy
Head of the Department,
Department of Computer science and Engineering,
Aditya College of Engineering,
Surampalem.

Dear Sir,

Sub: Acceptance for conducting Lectures on "Awareness program on Placements" -Reg

This is to accept your request for conducting Lectures on "Awareness program on Placements" for IV year I B.Tech students on date 25th April 2022 granted. I will send instructions to our administration officer to provide required facilities.


Principal

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Copy to:

Administrative Offices

Accounts Department



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Department Computer Science and Engineering

One day Awareness Program on "Placements"

SCHEDULE

Date	Content
25.04.2022	Outcome based training, skill development, placement and related services.


Coordinator
(HOD,CSE)


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Aditya Nagar, ADB Road, Surampalem - 533 437, E.G.Dist., Ph: 99631 76662.

Department of Computer Science and Engineering

22-04-2022,
Surampalem.

To
The Principal,
Aditya College of Engineering,
Aditya Nagar, ADB Road,
Surampalem.

Sir,

Sub: Request for approval to conduct Lectures for IV year I semester B.Tech (CSE) Students by the visiting faculty Mr.K.Santosh Srinivas "Awareness program on Placements"- Reg

This is to bring to your kind notice that, we would like to organize expert lectures by Mr.K.Santosh Srinivas CEO, Purplelane, Apostlesway Technologies Private Limited. "Awareness program on Placements" for IV year I Semester B.Tech (CSE) students. The lectures are schedule on **25th April 2022** for one day and number of lecture hours is Seven.

Thanking you Sir,


Head of the Department


PRINCIPAL
Aditya College of Engineering
SURAMPALAM-533 437

CERTIFICATE

OF APPRECIATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

D.CHANDRA SHAKER

of Aditya College of Engineering
for successfully completing the internship in
Visual & UI/UX Design | During April 2022 - October 2022

15/10/2022

DATE


PRINCIPAL
Aditya College of Engineering
SURAMPALLEM-533 437



BHAVANI PRASAD KARROTU
FOUNDER

PurpleLane
Make the right choice





MEMORANDUM OF UNDERSTANDING (MOU)

This Memorandum of understanding is entered on (Date:) 26/03/2022 between
(Institute Name) Aditya College of Engineering
having its registered office at (Address) Aditya Nagar, ADB Road, Surampalem
East Godavari Dist, 52437 (hereinafter called
"Institute" or "First Party" which expression shall where the context so admits include its
successors and permitted assignees

And

KNR EDU SERVICES PVT LTD, a company incorporated under the provisions of Companies
Act, 2013, bearing PAN AAICK3069Q and having its registered office at H.No.7-2-1453,
TRT-1198, PIH COLONY, SANATH NAGAR, HYDERABAD, TELANGANA-500018,
Official Channel Partner of Unacademy, hereinafter called as "Channel partner of Unacademy"
or "Channel Partner" or "Second Party" (which expression shall where the context so admits
include its successors and permitted assignees)

WHEREAS:

- (A) Unacademy is an online education platform that enables users to watch and upload educational
videos. Unacademy has developed an online live streaming platform **plus.unacademy.com**
("Platform") wherein educators can conduct live classes without being in the immediate
physical proximity of the Learners via a live stream. By using this feature Learners will have
access to classroom teachings and course material online on the Website Platform from
anywhere in the world.
- (B) Channel Partner of Unacademy entered into **Collaboration Agreement with Unacademy** as
a Business Representative, to carry out Promotional, Marketing activities and to provide
business to Unacademy across India.
- (C) Channel Partner in its capacity can negotiate with Unacademy for any bulk deals from the
Institute in all category offerings from Unacademy such as GATE, ESE, CAT, UPSC, Bank
exams, SSC, etc., exam preparation. The Subscription Cost of a Learner, in this case, shall be

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SURAMPALM-52437

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Hyderabad, Telangana-500018 www.knredu.in



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Official Channel Partner Of unacademy

knrao@unacademy.com

discussed on a case-to-case basis, however, Unacademy reserves the right to set the final subscription cost for each deal.

(D) This MOU constitutes the entire agreement between the Parties and supersedes all prior written or oral and all contemporaneous oral agreements, understandings, and negotiations concerning the subject hereof.

(E) All notices and other communications given or made under this MOU shall be in writing and shall be deemed effectively given:

- a. Upon personal delivery to the Party to be notified.
- b. When sent by confirmed electronic mail or facsimile.

(F) Channel Partner was given, the right to collect payments from Institute/Interested Learners, for the same Invoice will be raised by Unacademy to Channel Partner.

(G) "Platform" shall mean "<https://unacademy.com/plus/>" and will include any other Platform in Unacademy Group.

NOW, THEREFORE, IT IS AGREED BETWEEN THE PARTIES AS FOLLOWS:

First Party:-

- 1) The Institute shall cooperate with the Second Party, to promote the e-learning services provided by Unacademy to all students in the Institute campus and its subsidiary/ branches.
- 2) The Institute shall procure details of the Learners who are interested in subscribing to the content on the Platform, the form of a list comprising of the name, email ID, and phone number of the students, in the case of minors the email ID and the phone number of the legal guardian will have to be shared ("List") and further share this List with the Second Party.

Second Party:-

- 1) Upon Mutual Consent, Release funds as Sponsorships to the Institute.
- 2) Arrange on a regular basis Seminars, Webinars to train & connect all students of the Institute to Advanced & Recent developments of Technology by Industrial and R&D experts.
- 3) May arrange FREE Lectures to help students in their regular studies, Campus Recruitment Training, Internships, Placement Assistance & Campus Placements through Easy Beech YouTube Channel (<https://www.youtube.com/channel/UCpreu-hNIDUJW1WEu1f1dxQ>), KNR Edu Services & its associates.

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Aditya College of Engineering

SURAMALEM, 500 018

Regd Office : D.No 7-2-1453, TRT-1198, PIH Colony, Sanathnagar

Hyderabad, Telangana-500018 www.knredu.in

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- 4) With the help of the Institute, shall get all the willing students of the Institute, to "sign up" on the Unacademy platform across all categories like GATE, ESE, CAT, UPSC, Bank Exams, CRT Trainings, SSC, etc.,
- 5) Negotiate with Unacademy to get the best possible Scholarships & Sponsorships to the Learners & Institute.
- 6) Arrange on a regular basis, Seminars, Webinars to keep subscribed Learners to Unacademy, on the Platform motivated & Active in their learning.

1. CONFIDENTIAL INFORMATION

1.1 "Confidential Information" shall mean any confidential information data, know-how, employee data, or any other confidential information including all the leads and all the data/content/ information provided by the disclosing Party ("**Disclosing Party**") to the receiving Party ("**Receiving Party**") herein under in writing, orally or in any other form, media whether marked as confidential or proprietary. Notwithstanding the foregoing, Confidential Information shall not include information which:

- | | |
|-------|--|
| 1.1.1 | Is known to the Receiving Party at the time of disclosure |
| 1.1.2 | Is or becomes publicly known through no wrongful act of the Receiving Party |
| 1.1.3 | Is rightfully received by the Receiving Party from a third party without the restriction of the disclosure |
| 1.1.4 | Is disclosed pursuant to a judicial order, requirement of a government agency, or by operation of law |

1.2 The Receiving Party agrees that it will not disclose the Confidential Information to any third party and will not use the confidential information other than for the performance of its obligation under this Agreement. The Receiving Party agrees that the Confidential Information shall at all times remain the sole property of the Disclosing Party and that the Receiving Party shall take all reasonable precautions to prevent any unauthorized disclosure of the Confidential Information by any of its officers, employee or any person that has access to the Confidential Information.

1.3 The Receiving Party agreed and understands that the Confidential Information constitutes valuable, special, and unique assets of the business of the Company. Accordingly, the



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Receiving Party agrees that, in the event of any breach of the confidentiality obligations under this Agreement, in addition to any other remedies at law or equity, Disclosing Party shall be entitled to equitable relief, including injunctive relief and specific performance.



VALIDITY: The MOU shall be valid, initially for a period of 2 years, extendable by mutual consent.

GOVERNING LAW AND DISPUTE RESOLUTION This MOU shall be governed by and construed in accordance with the laws of India, without reference to principles of conflict of laws and the courts in Hyderabad shall have exclusive jurisdiction to determine any dispute arising under this MOU.

TERMINATION

This MOU may be terminated by giving a notice of three months or the conclusion of ongoing programs, whichever is later, from either side.

This memorandum which is in 4 pages is signed on (Date): 28/03/2022 and exchanged.

For Institute (First Party)	For Channel Partner (Second Party)
Signature: 	
Name: Dr. A. Ramani	KNR Edu Services Private Limited
Designation: Principal	Managing Director
Institute Name: Aditya College of Engineering & Technology	KNR Edu Services Private Limited



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Presented to

N.Mohammad

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Presented to

P.Veera Swamy

For successfully completing a free online course
on **GATE Training**

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P.Ravi Kiran

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Presented to

B.Jaswanth Reddy

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ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH
NO. 6948 R1001 - ADITYA COLLEGE OF ENGINEERING
SURAMPalem.
4.10.2021

DA 795301
G0625A
Q0625A
P0625A
LC 0625A
R 0625A
0625A

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Aditya College of Engineering, Surampalem
AND

Krify Software Technologies (P) Limited, Kakinada

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 28th day of December, 2021 by and between.

Aditya College of Engineering, Surampalem, the First Party represented herein by Dr. A. Ramesh, Principal of Aditya College of Engineering, Surampalem, And Krify Software Technologies (P) Limited. The Second party, and represented herein by its Managing Director, CEO Mr. K. Krishna Reddy, Krify Software Technologies (P) limited, Kakinada.

WHEREAS:

- A) First Party is a Higher Educational Institution named Aditya College of Engineering.
- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture.

FIRST PARTY

For SECOND PARTY Krify Software Technologies (P) Ltd.,

K. Krishna Reddy
Managing Director, CEO

PRINCIPAL
Aditya College of Engineering
SURAMPalem-533 437

D) **Krify Software Technologies (P) Limited**, - the Second Party is engaged in Internship, Industrial Visit, trainings.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MoU, THE PARTIES HERETO AGREE AS FOLLOWS:

CLAUSE 1: CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

CLAUSE 2: SCOPE OF THE MoU

- 2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.
- 2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.
- 2.4 There is no financial commitment on the part of the **Aditya College of Engineering**, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.
- 2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

CLAUSE 3: VALIDITY

- 3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

CLAUSE 4: RELATIONSHIP BETWEEN THE PARTIES

- 5.1 It is expressly agreed that First Party and Second Party are acting under this MoU as independent contractors, and the relationship established under this MoU shall not be construed as a partnership.

First Party
(Dr. A. Ramesh, Principal)
Aditya College of Engineering,
Surampalem.

For Krify Software Technologies (P) Ltd.,

Second Party
(Mr. K. Krishna Reddy, Managing
Director, CEO)

Valid TIN/GST No.
Company (CIN/FCRN/LLPIN/FLLPIN):



Passionate to create value

Krify Software Technologies Private Limited

7-39, Ratan Towers, ADB Road,

Kakinada, EGDT, Andhra Pradesh,

INDIA - 533005- Tel: 0884-2342100

Email: info@krify.com Website: www.krify.com

Ref: 5126/INT2022/KKD

Dated: 05-03-2022

TO

WHOM EVER IT MAY CONCERN

CERTIFICATE OF PROJECT TRAINING

This is to certify that **PALAPARTHI VENNELA** worked in our organization as Project Trainee starting from **07-02-2022 to 05-03-2022** (1 Month Internship)

As a part of the internship program, she/he has worked on **Customer Target E-Commerce** in the domain of **Mean Stack Technologies**.

We found her hardworking, intelligent and motivated individual. If you have any questions about her Project Training Experience, you can contact us.

Thank you

Regards,

KRISHNA REDDY KOWVURI M.Tech

Director - Technology,

kkreddy@krify.com

Phone: 0884 2342100

Krify Software Technologies Private Limited, INDIA

Krify Innovations (UK) Limited, United Kingdom

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Aditya College of Engineering

SURAMPALEM-983 437



Registered Office :

Flat - No.303, Sanjana Sovereign Apt, 8th Main, 2nd Cross,

Jayanagar, 2nd Block, BANGALORE, Karnataka, India, Pincode: 560011, INDIA



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Krify Software Technologies Private Limited

7-39, Ratan Towers, ADB Road,
Kakinada, EGD, Andhra Pradesh,
INDIA - 533005- Tel: 0884-2342100

Email: info@krify.com Website: www.krify.com

Ref: 5127/INT2022/KKD

Dated: 05-03-2022

TO

WHOM EVER IT MAY CONCERN

CERTIFICATE OF PROJECT TRAINING

This is to certify that **POTNURI S S ANUDEEP** worked in our organization as Project Trainee starting from **07-02-2022 to 05-03-2022** (1 Month internship)

As a part of the internship program, she/he has worked on **Customer Target E-Commerce** in the domain of **Mean Stack Technologies**.

We found her hardworking, intelligent and motivated individual. If you have any questions about her Project Training Experience, you can contact us.

Thank you.
Regards,

KRISHNA REDDY KOVVURI - M.Tech

Director - Technology,

kkreddy@krify.com

Phone: 0884 2342100

Krify Software Technologies Private Limited, INDIA

Krify Innovations (UK) Limited, United Kingdom

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Aditya College of Engineering
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Registered Office :

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Jayanagar, 2nd Block, BANGALORE, Karnataka, India, Pincode: 560011, INDIA



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INDIA - 533005- Tel: 0884-2342100

Email: info@krify.com Website: www.krify.com

Ref: 5128/INT2022/KKD

Dated: 05-03-2022

TO

WHOM EVER IT MAY CONCERN

CERTIFICATE OF PROJECT TRAINING

This is to certify that **SAI KEERTHANA MADDILA** worked in our organization as Project Trainee starting from **07-02-2022 to 05-03-2022** (1 Month internship)

As a part of the internship program, she/he has worked on **Customer Target E-Commerce** in the domain of **Mean Stack Technologies**.

We found her hardworking, intelligent and motivated individual. If you have any questions about her Project Training Experience, you can contact us.

Thank you.
Regards,

KRISHNA REDDY KOVVURI *M.Tech*

Director - Technology,

kkreddy@krify.com

Phone: 0884 2342100

Krify Software Technologies Private Limited, INDIA

Krify Innovations (UK) Limited, United Kingdom

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INDIA - 533005- Tel: 0884-2342100

Email: info@krify.com Website: www.krify.com

Ref: S124/INT2022/KKD

Dated: 05-03-2022

TO

WHOM EVER IT MAY CONCERN

CERTIFICATE OF PROJECT TRAINING

This is to certify that **MAMIDALA MEGHANA** worked in our organization as Project Trainee starting from **07-02-2022 to 05-03-2022** (1 Month internship)

As a part of the internship program, she/he has worked on **Customer Target E-Commerce** in the domain of **Mean Stack Technologies**.

We found her hardworking, intelligent and motivated individual. If you have any questions about her Project Training Experience, you can contact us.

Thank you
Regards,

KRISHNA REDDY KOVVURI *M.Tech*

Director - Technology,

kkreddy@krify.com

Phone: 0884 2342100

Krify Software Technologies Private Limited, INDIA

Krify Innovations (UK) Limited, United Kingdom

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SURAMPALEM-533437

Registered Office :

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Email: info@krify.com Website: www.krify.com

Ref: 5125/INT2022/KKD

Dated: 05-03-2022

TO

WHOM EVER IT MAY CONCERN

CERTIFICATE OF PROJECT TRAINING

This is to certify that **THANARI RAMESH** worked in our organization as Project Trainee starting from **07-02-2022 to 05-03-2022** (1 Month internship)

As a part of the internship program, she/he has worked on **Customer Target E-Commerce** in the domain of **Mean Stack Technologies**.

We found her hardworking, intelligent and motivated individual. If you have any questions about her Project Training Experience, you can contact us.

Thank you
Regards,

KRISHNA REDDY KOVVURI M.Tech

Director - Technology

kkreddy@krify.com

Phone: 0884 2342100

Krify Software Technologies Private Limited, INDIA

Krify Innovations (UK) Limited, United Kingdom

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Passionate to create value

Krify Software Technologies Private Limited

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Kakinada, EGDT, Andhra Pradesh,

INDIA - 533005- Tel: 0884-2342100

Email: info@krify.com Website: www.krify.com

Ref: 5123/INT2022/KKD

Dated: 05-03-2022

TO

WHOM EVER IT MAY CONCERN

CERTIFICATE OF PROJECT TRAINING

This is to certify that **SHAIK BASHEER MADEN** worked in our organization as Project Trainee starting from **07-02-2022 to 05-03-2022** (1 Month internship)

As a part of the internship program, she/he has worked on **Customer Target E-Commerce** in the domain of **Mean Stack Technologies**.

We found her hardworking, intelligent and motivated individual. If you have any questions about her Project Training Experience, you can contact us.

Thank you

Regards,

KRISHNA REDDY KOVVURI M.Tech

Director - Technology,

kkreddy@krify.com

Phone: 0884 2342100

Krify Software Technologies Private Limited, INDIA

Krify Innovations (UK) Limited, United Kingdom

PRINCIPAL

Aditya College of Engineering

SURAMMALEM-533 437



Registered Office :

Flat No.303, Sanjana Sovereign Apt, 8th Main, 2nd Cross,

Jayanagar, 2nd Block, BANGALORE, Karnataka, India, Pincode: 560011, INDIA



అండ్రివ్ దేశ్ 3
మ 3/1/20
పు 3/1/20

देश ANDHRA PRADESH
Sriya College of Engineering
Surampalem

CB 397372
KORUMANA ESWARA RAO
STAMP VENDER,
Licence No. 85-07-15-2011
R.L. No. 04-07-09-2020
PEDDAPURAM
Cell : 92473 81516

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

**Aditya College of Engineering, Surampalem
AND
Manihamsa Power Projects Ltd.**

This Memorandum of Understanding (hereinafter-called as the 'MoU') is entered into on this the 28th day of September, 2021 by and between.

■ **Aditya College of Engineering, Surampalem**, the First Party represented herein by **Dr. A. Ramesh**, Principal of Aditya College of Engineering, Surampalem, And **Manihamsa Power Projects Ltd., Yeleswaram** The Second party, and represented herein by its Project Manager **B. Prasad Babu**

¶ WHEREAS:

A) First Party is a Higher Educational Institution named Aditya College of Engineering.

Handwritten signature: *Ady.*

Aditya College of Engineering
SURAMPALÉM-533-037

B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture

D) Manihamsa Power Projects Ltd., - the Second Party is engaged in Industrial visits, Guest Lectures, Internships, Placement.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS

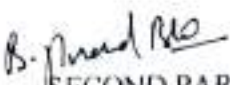
CLAUSE 1: CO-OPERATION

1.7 Both Parties are united by common interests and objectives, and they shall establish co-operation.

1.8 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.

1.9 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.


FIRST PARTY


SECOND PARTY




PRINCIPAL
Aditya College of Engineering
SURAMPALAM-533 437

CLAUSE 2: SCOPE OF THE MoU

2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.

2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.

2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.

2.4 There is no financial commitment on the part of the Aditya College of Engineering, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.


2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.


CLAUSE 3: VALIDITY

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

CLAUSE 4: RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.


First Party
(Dr. A. Ramesh)
Principal,
Aditya College of Engg.,
Surampalem.


Second Party
(Project Manager)
Valid TIN/GST No.: 37AABCM9472C1ZE
Company (CIN/FCRN/LLPIN/LLPIN):
CIN: U40109AP1998PLC030060


Principal,
Aditya College of Engineering
SURAMPALEM-533 437



ADITYA COLLEGE OF ENGINEERING

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Recognized by UGC under Sections 2(f) and 12(B) of UGC Act, 1956
Aditya Nagar, ADB Road, Surampalem - 533 437, E.G. Dist., Ph 99631 76662

Date: 24-05-2022

Department of Electrical and Electronics Engineering

A Guest Lecture on Hydro Power Generation

Report

- Venue** : Seminar Hall, Newton Bhavan
- Date** : 23-05-2022
- Resource person** : B. Prasad Babu
- Number of participants** : 112
- Objective** : The aim of this guest lecture is to provide necessary information regarding hydro power generation.
- About the seminar** : The Department of Electrical and Electronics Engineering has organized a guest lecture on "Hydro Power Generation" for second year students. The guest lecture is well structured and covers various aspects of hydro power generation. The guest lecture aims to explain the hydro power generation with typical layout.
- Outcomes** : At the end of the guest lecture participants were able to
- Understand the typical layout of a hydroelectric power plant.
 - Understand the basic components.
 - Understand the types of Hydro-Power Plants.
 - Understand the advantages and disadvantages of Hydro-Power Plants.
- Closing Remarks** : HOD has proposed vote of thanks on this occasion and thanked him for his valuable message on Hydro Power Generation.


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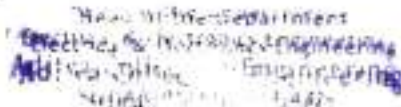
Guest lecture on "Hydro Power Generation"

Overall Assessment : Good

Event Coordinator: D. Tatarao,
Associate professor,
Dept. of Electrical and Electronics engineering


Coordinator


Head of the Department




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Aditya College of Engineering
SURAMPALEM-533 437


Principal
PRINCIPAL
Aditya College of Engineering
SURAMPALEM - 533 437

16/05/2022

Aditya College of Engineering Mail – Request to take a guest lecture



K m k Reddy

hodeeee@acoe.edu.in

Request to take a Guest Lecture

EEE HOD <hodeeee@acoe.edu.in> Mon, May 16, 2020 at 11:30 AM

To: <B. Prasad Babu>

Dear Sir,

As per our Telephonic Conversation I sincerely request you to deliver Guest Lecture on "Hydro Power Generation" which is to be scheduled on 23/05/2022, which enables our students to enhance their levels of knowledge & will be benefited a lot. Hence, I request you to kindly give your acceptance through phone/email at the earliest possible which would help us to make necessary arrangements.

Regards,
K Manoz Kumar Reddy,
Associate Professor & Head of the Department,
Aditya College of Engineering,
Surampalem.

+91 – 7731829995.


— PRINCIPAL
Aditya College of Engineering
SURAMPALEM - 533 437



ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

No. 649 R/1001- Sarojini Educational Society
Kakinada.
4.7.2021

**MEMORANDUM OF UNDERSTANDING
ELECTROPRO
AND
ADITYA COLLEGE OF ENGINEERING**

DA 795633
G.V. SATYANATHI
NEAR BUS STAND
PEDDAPURAM
LC No. 04-07-01-2014
R.L. No. 04-07-07-2020
Cell : 99596 79790

ElectroPro is MSME registered and ISO 9001: 2015, ISO 14001:2015 Technology Company, It is an electronic product development & manufacturing company founded in 2016. We offer services like Robotics, Embedded systems; Internet of Things, Artificial Intelligence, Machine Learning, Home and Industrial Automation.

Having its Registered office at #28-10-33, JAGADAMBA COMMERCIAL COMPLEX, JAGADAMBA, Visakhapatnam represented by its undersigned of the one part;

And ADITYA COLLEGE OF ENGINEERING, an educational institution having its Campus at Surampalem, East Godavari District, represented by its Principal, Dr. A. Ramesh.


PRINCIPAL
Aditya College of Engineering
SURAMPALEM-533 437

Whereas **ELECTROPRO** and **ADITYA COLLEGE OF ENGINEERING, Department of Electronics and Communication Engineering** shall be here in after jointly referred to as the "Parties" and singularly as a "Party".

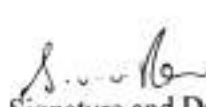
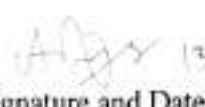
The Parties has decided to agree to establish industry – academic Collaboration in areas of mutual interest and in accordance with terms and conditions set forth in this Memorandum of Understanding (MOU), **ELECTROPRO** and agree on the following Activities:

1. **ACE** has agreed to allow **ELECTROPRO** to be in the chair of **TECHNOLOGY CENTRE (PRO LAB)** organized in the college Premises.
2. **ACE** allowed **ELECTROPRO** to use Their Space (approximately 200sqft) and Human Resource (STUDENTS) who selected for free training module by providing Training and INTERNSHIPS to use them in their product designing and research activities for a period of 8 months to one year as per the delivery of schedule.
3. **ELECTROPRO** has Agreed to setup Their Equipment in the Space Provided by **ACE** as a **TECHNOLOGY CENTRE (PRO LAB)** to deliver Training Module for 20 selected students upon taking e-waste from Campus.
4. **ELECTROPRO** will support students of **ACE** in designing and development of Projects and Products on selected modules for a free of cost.
5. **ELECTROPRO** will help College management by organizing Seminars, Workshops, and Exhibitions which is free of cost by related to their industry.
6. **ELECTROPRO** allowed to Design and Development of products in the College Premises.
7. **ELECTROPRO** officials will come and select the students as per the company Recruitment policies and offer letters will be issued after successful completion of training on the performance based on Internships and taking account into student academic record by the time successful completion of Training and placement confirmation will be given after selection procedure.


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SURAMPALLEM-533 437

8. After Final assessment of trained **INTERN CANDIDATES** from Technology Centre, will be placed in Electropo Work Locations to start the work as per their selected positions those are **RESEARCH ENGINEERS, MASTER TRAINERS and TRAINERS.**
9. ACE has to provide time schedule to deliver the training module in the campus for the selected students at Electropo Technology Centre.
10. Selected Intern students from campus will be taking Commitment of one year to work at Electropo Location after successful completion of **FREE Training Module.**
11. MOU will be applicable for a period of Five Years from the date of Signed MOU by both the Parties and will be Renewal as per mutual terms.
12. **ELECTROPRO** will be working towards the benefit of students by teaching them Industry technologies Free of Cost to make them industry ready and use their services by providing industry acceptable Internship and selected will be working on Robotics/AI/IIOT Technologies which will empower their Techno Professional Career.
13. Looking forward to great collaboration with ACE to fulfill the common mission by making Student Engineers into Industry Ready Engineers.

Agreed by:

Executed For ELECTROPRO by:	Executed For COLLEGE, by:
Name: Mr.Venkatesh Sappagaddi	Name: Dr. A. Ramesh
Designation: Founder & CEO	Designation: PRINCIPAL
 13/07/21 Signature and Date	 13/07/21 Signature and Date PRINCIPAL

Aditya College of Engineering
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 PRINCIPAL
 Aditya College of Engineering
 SURAMPALLEM-533 437

ADITYA COLLEGE OF ENGINEERING

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Recognized by UGC under section 2(f) of UGC Act 1956

Ph: (0884) 2326224, 99631 76662, Email: office@acoe.edu.in, Website: www.acoe.edu.in

MEMORANDUM OF UNDERSTANDING ELECTROPRO AND ADITYA COLLEGE OF ENGINEERING

'ElectroPro is MSME registered and ISO 9001: 2015, ISO 14001:2015 Technology Company. It is an electronic product development & manufacturing company founded in 2016. We offer services like Robotics, Embedded systems; Internet of Things, Artificial Intelligence, Machine Learning, Home and Industrial Automation.


Having its Registered office at #28-10-33, JAGADAMBA COMMERCIAL COMPLEX, JAGADAMBA, Visakhapatnam represented by its undersigned of the one part;

And ADITYA COLLEGE OF ENGINEERING, an educational institution having its Campus at Surampalem, East Godavari District, represented by its Principal, Dr. A. Ramesh.

Whereas ELECTROPRO and ADITYA COLLEGE OF ENGINEERING, Department of Electronics and Communication Engineering shall be here in after jointly referred to as the "Parties" and singularly as a "Party".

The Parties has decided to agree to establish industry - academic Collaboration in areas of mutual interest and in accordance with terms and conditions set forth in this Memorandum of Understanding (MOU), ELECTROPRO and agree on the following Activities:

1. ACE has agreed to allow ELECTROPRO to be in the chair of TECHNOLOGY CENTRE (PRO LAB) organized in the college Premises.
2. ACE allowed ELECTROPRO to use Their Space (approximately 200sqft) and Human Resource (STUDENTS) who selected for free training module by providing Training and INTERNSHIPS to use them in their product designing and research activities for a period of 8 months to one year as per the delivery of schedule.


Aditya College of Engineering
SURAMPALEM-533 437


Aditya Nagar, ADB Road, Surampalem - 533 437, Near Kaknada, E.G.Dist., A.P., INDIA

3. **ELECTROPRO** has Agreed to setup Their Equipment in the Space Provided by **ACE** as a **TECHNOLOGY CENTRE(PRO LAB)** to deliver Training Module for 20 selected students upon taking e-waste from Campus.
4. **ELECTROPRO** will support students of **ACE** in designing and development of Projects and Products on selected modules for a free of cost.
5. **ELECTROPRO** will help College management by organizing Seminars, Workshops, and Exhibitions which is free of cost by related to their industry.
6. **ELECTROPRO** allowed to Design and Development of products in the College Premises.
7. **ELECTROPRO** officials will come and select the students as per the company Recruitment policies and offer letters will be issued after successful completion of training on the performance based on Internships and taking account into student academic record by the time successful completion of Training and placement confirmation will be given after selection procedure.
8. After Final assessment of trained **INTERN CANDIDATES** from Technology Centre, will be placed in Electropo Work Locations to start the work as per their selected positions those are **RESEARCH ENGINEERS, MASTER TRAINERS and TRAINERS**.
9. **ACE** has to provide time schedule to deliver the training module in the campus for the selected students at Electropo Technology Centre.
10. Selected Intern students from campus will be taking Commitment of one year to work at Electropo Location after successful completion of **FREE Training Module**.
11. **MOU** will be applicable for a period of Five Years from the date of Signed **MOU** by both the Parties and will be Renewal as per mutual terms.
12. **ELECTROPRO** will be working towards the benefit of students by teaching them Industry technologies Free of Cost to make them industry ready and use their services by providing industry acceptable Internship and selected will be working on Robotics/AI/IOT Technologies which will empower their Techno Professional Career.

13. Looking forward to great collaboration with ACE to fulfill the common mission by making Student Engineers into Industry Ready Engineers.

Agreed by:

Executed For ELECTROPRO by:	Executed For COLLEGE, by:
Name: Mr. Venkatesh Sappagaddi	Name: Dr. A. Ramesh
Designation: Founder & CEO	Designation: PRINCIPAL
 Signature and Date 13/09/21	 Signature and Date 13/09/21


PRINCIPAL
Aditya College of Engineering
SURAMHALEM-533 437



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Aditya Nagar, ADB Road, Surampalem - 533 437, E.G Dist., Ph 99631 76662

Date: 13-12-2021

Department of Electrical and Electronics Engineering

EVENT REPORT

Title of the Seminar : A seminar on "Internet of Things"

Resource Person : Venkatesh Sappagaddi,
Founder & CEO,
Electropro.

Date of seminar : 11-12-2021

No. of Participants : 142

Seminar Report:

Students and Faculty members of the EEE department have participated in the seminar on "Internet of Things" by Venkatesh Sappagaddi, Founder & CEO, Electropro held on 11th December 2021 at 10.am

Following are the topics covered under Seminar:

- Importance of IoT.
- Components of IoT.
- Current status and Future prospect of IoT.
- Applications of IoT.

Program Outcomes: At the end of this seminar student will able to

- i) Apply the knowledge and skills acquired during the seminar to build and test a complete, working IoT system involving prototyping, programming and data analysis.
- ii) Collect and analyse telemetry from connected sensors, devices, and equipment for real-time tracking, monitoring, management, and remote control.

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SURAMPATEM-533 437

PROGRAMME PHOTOS



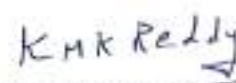
Overall Assessment: Good

Event Coordinator: Mrs. K. Lakshmi,

Sr Assistant professor,

Dept. of Electrical and Electronics Engineering


Coordinator


Head of the Department


PRINCIPAL
Aditya College of Engineering
SURAMPALEM-533 437

Head of the Department
Electrical & Electronics Engineering
Aditya College of Engineering
SURAMPALEM-533 437



ADITYA COLLEGE OF ENGINEERING

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Aditya Nagar, ADB Road, Surampalem - 533 437, E.G.Dist, Ph: 99631 76662

Department of Electrical and Electronics Engineering

Date: 10/12/2021

CIRCULAR

All the II & III B. Tech students are hereby informed that a seminar is being organized by Electrical and Electronics Engineering Department on "Internet of Things" on 11th December 2021 at 10.am.at Second Floor Seminar Hall, Newton Bhavan. The resource person was Venkatesh Sappagaddi, Founder& CEO, Electropo.

All the II & III B. Tech Students should attend the seminar without fail.

KMK Ravi

Head of the Department

Head of the Department
Electrical & Electronics Engineering
Aditya College of Engineering,
SURAMPALAM-533 437

Copy to

- 1) Notice Boards
- 2) To be read in the class room

[Signature]

PRINCIPAL
Aditya College of Engineering
SURAMPALAM-533 437



Request to take seminar

HOD EEE<hodeee@adce.edu.in>

Tue 07/12/21 2:29

To: Venkatesh Sappagaddi <venkateshsappagaddi@electrogroup.in>

Sir,

Department of EEE is interested to conduct seminar on Internet of Things, which is to be scheduled on 11/12/2021 for IIS/III B. Tech students which enable our students to understand the importance of Internet of Things. Hence, I request you to kindly give your acceptance through phone/email at the earliest possible, which would help us to make necessary arrangements.

Thanking you sir,

With regards

K. Manoj Kumar reddy

Associate professor and HOD EEE department

Aditya College of Engineering,

Surampalem,

East Godavari district

Cell 7731829995

Mail: hodeee@adce.edu.in

A handwritten signature in blue ink, likely belonging to the Principal.

PRINCIPAL

Aditya College of Engineering
SURAMP-LEM-533 437

Re: One-day seminar on "Internet of Things"

Venkatesh Sappagaddi <venkateshsappagaddi@electropro.in>

Wed, 12/1/2021 11:30 AM

To: HOD EEE <hodeee@acoe.edu.in>

Dear Sir,

I am accepting the offer for delivering seminar on Internet of Things. You may schedule the lecture on 11-12-2021.

Venkatesh Sappagaddi,
Founder & CEO,
Electropro.



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Aditya College of Engineering
SURAM- ALEM-533 437



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Aditya Nagar, ADB Road, Surampalem - 533 437, E.G Dist., Ph. 99631 76662

Date: 14-03-2022

Department of Electrical and Electronics Engineering

Report on Industrial Visit to Electro Pro

Venue: Electro Pro, Chintalamon, Andhra Pradesh

Date: 12-03-2022

Number of participants: 29

Objective

The objective of this visit is to understand the challenges faced by fisherman and fish farmers so that a community development projects with help of E-Waste can be developed.

About the program:

The Department of Electrical and Electronics Engineering has organized an Industrial Visit to "Electro Pro" on 12th March 2022. It is located at Old Layce Building, Chintalamori, Malikipuram Mandal, Razole constituency. In this visit the interaction sessions have been carried out with fisherman and fish farmers to know about challenges faced by them regarding available communication facility during their travelling into the sea further, students interacted with skill village development officer and CEO of "Electro Pro" (Mr.Venkatesh Sappagaddi) to know more about the technical problems which are facing by aqua-farmers and fisherman.

Outcomes:

At the end of this visit students were able to

- Learn about skill development techniques that can be implemented in rural villages.
- Understand about the various E-waste problems faced by fisherman and aqua-farmers.
- Explore various E-waste management techniques.

Principal
Aditya College of Engineering
Surampalem - 533 437



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Industrial visit to Electro Pro


Coordinator


Head of the Department

Head of the Department
Electrical & Electronics Engineering
Aditya College of Engineering
SURAMPALAM-533 437


PRINCIPAL
Aditya College of Engineering
SURAMPALAM - 533 437

Re: Industrial visit to Electro Pro

Venkatesh S <venkateshds@gmail.com>

Tue 03/03/2022 7:40 PM

To: ADITYA HOD_EEE <hod_eee@acoe.edu.in>

Dear Sir

We have received your request regarding industrial visit. I would like to inform you that we are ready to provide an industrial visit to your students. You may plan your visit on 12th March 2022.

Venkatesh Sappagaddi
Founder and CEO,
Electro Pro, Vishakapatnam,
Andhra Pradesh, India.

From: ADITYA HOD_EEE <hod_eee@acoe.edu.in>

Sent: 7 March 2022 11:50 AM

To: Venkatesh S <venkateshds@gmail.com>

Subject: Industrial visit

On Mon, 7 March 2022 11:40 AM ADITYA HOD_EEE <hod_eee@acoe.edu.in> wrote:

Respected sir,

On behalf of Aditya College of Engineering, I would like to request you that our IV B. Tech (Electrical and Electronics Engineering) students would like to visit your esteemed organization Electro Pro, to enhance their theoretical background and to gain practical knowledge. We request you to kindly accord permission for 72 no's students, and 2 faculty members to visit your center. The visit would take place on 10-03-2022 to 17-03-2022. In this regard, I request you that as per your convenience and availability kindly provide any one date for the visit. I do the needful in this matter, for which I shall be very much thankful to you.

Thank you.

With best Regards,

K. Manoz Kumar Reddy, M. Tech (Ph. D),

Associate Professor & HOD,

Dept. of Electrical and Electronics Engineering,

Aditya College of Engineering, Accredited by NAAC,

Surampalem - 533 437, East Godavari Dt.

Andhra Pradesh

Mobile: 9949565980

Email: hod_eee@acoe.edu.in



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SURAMPALAM - 533 437



ADITYA COLLEGE OF ENGINEERING

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Recognized by UGC under section 2(f)(i) of UGC Act 1956

Aditya Nagar, ADB Road, Surampalem - 533 437, E.G Dist., Ph. 99631 76662

Date: 08-12-2021.

Surampalem

From

The Principal,
Aditya College of Engineering,
Surampalem.

To

Venkatesh Sappagaddi,
Founder & CEO,
Electropro.

Respected Sir,

Sub: Letter of agreement and grant of honorarium.

On behalf of Electronics and Communication Engineering department at Aditya College of Engineering, we would like to thank you for accepting our request and act as resource person for a workshop on "Swarm Robotics" on 12-12-2021. In appreciation as a resource person, Aditya College of Engineering will pay you an all-inclusive honorarium fee of Rs 6,000/-.

Please feel free to contact G.Rama Krishna, Associate Professor and HOD of ECE (Mobile No: 97012933003) for other arrangements.

Thanking you,

Best Regards,

Principal
Aditya College of Engineering
Surampalem

Principal,
Aditya College of Engineering



ADITYA COLLEGE OF ENGINEERING

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Aditya Nagar, ADB Road, Surampalem - 533 437, E.G Dist. Ph: 99631 76662

Department of Electronics and Communication Engineering

Date: 10/12/2021

CIRCULAR

All the II & III B. Tech students are hereby informed that a workshop is being organized by Electronics and Communication Engineering Department on "Swarm Robotics" on 12th December 2021 at 10.am.at Second Floor Seminar Hall, Ramanujan Bhavan. The resource person was Venkatesh Sappagaddi, Founder&CEO, Electropo.

All the II & III B.Tech Students should attend the workshop without fail.


Head of the Department

Copy to

- 1) Notice Boards
- 2) To be read in the class room





ADITYA COLLEGE OF ENGINEERING

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Recognized by UGC under Section 2(F)(i) of UGC Act, 1956
Aditya Nagar, ADR Road, Surampalem - 533 437, E.G Dist., Ph: 99631 76662

Date: 13-12-2021

Department of Electronics and Communication Engineering

EVENT REPORT

Title of the Workshop:	A workshop on "Swarm Robotics"
Resource Person:	Venkatesh Sappagaddi, Founder&CEO, Electropro.
Date of seminar:	12-12-2021
No. of Participants	: 214

Seminar Report:

Students and Faculty members of the ECE department have participated in the workshop on "Swarm Robotics" by Venkatesh Sappagaddi, Founder&CEO, Electropro held on 12th December 2021 at 10.am

Following are the topics covered under Seminar:

- Introduction to Robotics.
- Applications of Robotics.
- Swarm Robotics Introduction.
- Applications of Swarm Robotics.

Program Outcomes: At the end of this workshop student will able to

- i) Apply the knowledge and skills acquired during the workshop to design Swarm Robotics
- ii) Learn importance of Swarm Robotics in various applications.

PRINCIPAL

Aditya College of Engineering
SURAMPALEM-533 437

PROGRAMME PHOTOS



Overall Assessment : Good

Event Coordinator: Mr. G. Veerapandu,

Sr Assistant professor,

Dept. of Electronics and Communication Engineering

Coordinator


Head of the Department


PRINCIPAL
Aditya College of Engineering
SIRAMPALAM-603 437

13/12/21, 1:30 PM

Mail-HOD-EEE-Outlook

Re: One-day workshop on "Swarm Robotics"

Venkatesh Sappagaddi <Venkateshsappagaddi@electropro.in>
Wed 8/12/2021 11:30 AM

To: HOD FCE <hodece@acoee.edu.in>

Dear Sir,

I am accepting the offer for delivering workshop on Swarm Robotics. You may schedule the lecture on 12-12-2021.

Venkatesh Sappagaddi,
Founder & CEO,
Electropro.



PRINCIPAL
Aditya College of Engineering
SURATHI TELM-533 437

MEMORANDUM OF UNDERSTANDING

Between



ADITYA COLLEGE OF ENGINEERING
Surampalem, East Godavari, Andhra Pradesh - 533437


&



Centre of Excellence in Maritime & Shipbuilding (CEMS)

(A Skill Development Initiative by Govt. of India / Ministry of Shipping / Sagarmala)

Opp.HSL Complex, Gandhigram, Visakhapatnam, Andhra Pradesh-530005


PRINCIPAL
Aditya College of Engineering
SURAMPALEM-533 437

This Memorandum of Understanding (hereinafter referred to as "MoU") is entered into this agreement on this day 28th Feb, 2020 by and between

Centre of Excellence in Maritime & Shipbuilding (hereinafter referred to as "CEMS"), located at , Gandhi gram, Visakhapatnam – 530 005, India is a well-funded startup in skill development for imparting training with industry 4.0 focus on advanced Design, Automation, Manufacturing and Maintenance, Repair & Overhaul(MRO) domains which caters for all industrial sectors.. It is promoted by Indian Register of Shipping in partnership with Siemens and support from Sagarmala, Ministry of Shipping/ Govt of India with an aim to provide globally relevant skilled technical manpower in the latest manufacturing technologies for ship building/repair and high end manufacturing sectors.

CEMS is a dedicated Centre for facilitating professional development and skill enhancement in maritime, infrastructure and manufacturing sectors. It is aimed to build competency in manufacturing industry with industry 4.0 focus by imparting right skills and create skilled manpower pool to cater to current and future industrial landscape of the country, thereby providing better employment opportunities to students and work force.

AND

ADITYA COLLEGE OF ENGINEERING (hereinafter referred to as ACOE Surampalem, East Godavari, Andhra Pradesh – 533437) ACOE with a motto of providing quality engineering education in a highly disciplined environment with international standards, along with character building of students who will be able to stand up to the challenges of the present employment market with a vision to foster prosperity through technological development by means of education, innovation and collaborative research and emerge as a premier technical institution.. The mission to provide quality education of international standards for producing technocrats and future leaders in a disciplined and conducive environment as an integral part of our social commitment to promote education globally. ACOE is a pioneering Institution of Higher Education in India with Potential for Excellence by the UGC. The portal of this great temple of learning has welcomed intellectual, cultural and social giants from the length and breadth of the Country who left indelible footprints on the sands of time making ACOE a proud alma-mater.

AND TOGETHER HEREAFTER REFERRED AS PARTIES

Whereas the first party CEMS, Visakhapatnam, will provide above 50 courses across 18 specializations; covering 770 modules out of which 271 will be tools and algorithm based courses while 500 will be process and sector based.

And whereas the second party ACOE, Surampalem is an Educational Institution providing education in various U.G and P.G programmes including certificate courses in Engineering. It has the vision and mission to impart quality education of International standards with a major focus on conducting skill development and outreach programmes.

GENERAL Agreement

In order to facilitate industry-institute interaction for technical advancement, to develop academic and industrial relationships and support collaborative research activities, ADITYA COLLEGE OF ENGINEERING hereinafter addressed as ACOE and Centre of Excellence in Maritime & Shipbuilding, hereinafter addressed as CEMS, agree to establish this Memorandum of Understanding (MOU) as a framework for cooperative programs.



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ARTICLE I Faculty Visits and Training

It is agreed that linkages will be strengthened by visit of faculty from ACOE to CEMS and CEMS faculty to ACOE. The purpose of these visits by the faculty is primarily to facilitate the following:

- Training of ACOE faculty by member of CEMS on Design, Advanced Manufacturing and as well as on Automation and MRO
- Training and exposure of faculty with focus on Industry 4.0 Skills
- Assist faculty and students of ACOE for project studies.

Arrangements for each such visit will be made by ACOE. Purpose, timing and other details concerning these exchanges and short visits in this regard shall be mutually acceptable to both the institutions. It is agreed that information concerning the purpose and duration of the visit by the faculty, the proposed topics of study, details of the personnel visiting and any further details, as required, will be provided to CEMS by ACOE at least two weeks prior to the proposed visit.

CEMS will be Conducting Orientation Programs to Faculty Free of Cost and Faculty Development Training in various domains will be at mutually agreed cost.

ARTICLE II Student Training

Further to the above, it is also agreed that CEMS will support and facilitate visits of groups of students from ACOE. The purpose of these visits by the students is as follows:


- Industrial visits at II year level to study and understand functioning of an industrial establishment
- Industrial visit at III year level to undertake mini-projects and pilot studies for full-fledged projects
- Vocational training in design, Advanced Manufacturing and Automation to equip students at III year or IV year levels to acquaint themselves with industry 4.0 procedures and operations so as to prepare themselves to face the challenges of the industrial world upon graduation

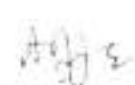
- A. As in the case of Article I, arrangements for each such visit will be made by ACOE in the form of formal letters seeking permission as well as the convenience of CEMS to send the student groups. Purpose, timing and other details concerning these exchanges shall be mutually acceptable to both the institutions. It is agreed that information concerning the number of students visiting, duration of the visit, the proposed topics of study and any further details, as required, will be provided to CEMS by ACOE at least two weeks prior to the proposed visit.

CEMS will charge course fees for conducting various courses will be decided mutually. The course fees will include training fees and cost of consumables used for training. Cost of Raw Material required for projects, where applicable will be borne by the Students. Study material soft copy will be provided to the trainees. The trainees will have access of the Presentations for 90 days from course commencement. Accommodation, if needed by the students can be arranged in CEMS hostel at a nominal fees of Rs 300 for accommodation and Rs 200 for breakfast, lunch and dinner. The accommodation is sharing type and can be made available on prior intimation only.

A. Students Trainings (available for B. Tech & MTech students) on various technologies available at CEMS Centre's.

- Short term courses (average 40 hrs of training) as part of Credits (Course curriculum) or optional
- Diploma & Certificate courses (average 200 hrs of training) as part of credits (Course curriculum) or optional
- Weekend / semester vacation courses
- Training for pass out students.


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Faculty Development Program at CEMS Visakhapatnam.

Internships as per AICTE guidelines at CEMS by participating institutes students

- Internship Programs for Credits
- Visit to CEMS Vizag as part of Industrial visit/ Internship Program for exposure to all engineering disciplines (as per 18 labs, details attached before)

D. Customized courses for students & faculties as per the requirement.

E. Availability of Labs for undertaking Industry Projects and experiments.

F. Teaching staff or research scholars of the participating institute can use resources of CEMS for their thesis work.

G. All courses of CEMS shall be certified by Siemens and Indian Register of Shipping (IRS).

H. Students and teaching staff of the participating institute can explore CEMS resources such as lab infrastructures, teaching staff, courses and its certification, and highly level industry relevant course materials & IP's

WHEREAS:

1. In pursuant to Memorandum of Understanding signed between Centre of Excellence in Maritime and Shipbuilding (CEMS) and ADITYA COLLEGE OF ENGINEERING (ACOE), this agreement is entered.
2. To detail areas of cooperation between the parties in areas of academics, certification, student's allocation for undertaking certificate courses at CEMS, teaching & technical staff allocations for Train the Trainer (ToT) program.
3. To fix 15 Teaching Staff schedule for their trainings under Train the Trainer program (ToT) at CEMS. CEMS and the College shall mutually decide the schedule based on the availability of teaching staff and the lab infrastructure.

CEMS and ACOE 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:

1. CEMS has invited ACOE to participate under its "CEMS College Extension Program (CEP)".
2. Under CEMS CEP, participating College shall assign their regular students based on the student's specific interest to CEMS Vizag Centre for stated period as per mutually decided timings.
3. The courses offered to the students are of three categories;
 - a. Basic / Foundation Level courses – Average study of 40 hours.
 - b. Intermediate / Master Level Courses – Average study of 70 hours.
 - c. Advance / Expert Level Courses – Average study of 100 hours.

Further for comprehensive training in each domain, Diploma and Certificate Programs which are of average 200 study hours are offered.

4. The course fee for each of the course will be decided mutually. Fees will be revised in Mutual Discussion with the college Representatives
5. CEMS shall on its own can club few courses or modules as per the current industry needs and can make bigger or smaller duration courses to suite the academic needs containing elements from basic, intermediate or advance courses. Such courses and fee per student will be proportionate to duration of the course.
6. The participating College shall provide the students of its College as per the time table decided for the course enrolled by its students. The participating College will treat the time spent by its students at CEMS as regular attendance for its academic regulations.
7. CEMS shall take responsibility of the student's attendance for the time they are enrolled with CEMS.



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Aditya College of Engineering

4. The participating College shall provide its transport facility to students wherever possible to attend CEMS classes. Otherwise transportation will be responsibility of students.
9. CEMS shall collect the course fee either directly or the participating institute can collect the fee and remit it to CEMS.

NEFT/RTGS details for remittance of fees:

BANK NAME	ICICI BANK
A/C NAME	CENTRE OF EXCELLENCE IN MARITIME & SHIPBUILDING (CEMS)
A/C NO	A/C NO-126901000796
BRANCH	HSL Complex, Visakhapatnam.
IFSC CODE	ICIC0001269

Center of Excellence in Maritime & Ship Building Visakhapatnam, has excellent infrastructure and qualified trainers and man power to impart skill training and to offer Diploma and Certificate courses as follows: -

Diploma in following courses

Sl No	Course	Modules Covered	Eligibility
1	3D CAD	<ul style="list-style-type: none"> Essentials for Designers, Sketching Fundamentals, Synchronous Modelling Fundamentals, NX Sheet Metal, Drafting Essentials, Intermediate Design & NX Assemblies, Advanced Assembly Design / Large Assembly Management, Class A Free Form Modelling/ Mechanical Free Form Modelling, Engine Design, Synchronous Modeling and Parametric Design, Routing Mechanical, Routing Electrical 	B.Tech-Mechanical
2	CAE & NVH (Noise, Vibration & Harshness)	<ul style="list-style-type: none"> CAE-Advanced Simulation Process & Solutions, Thermal & Flow Analysis, Motion Analysis, Laminate Composite, Advance Thermal & Flow Analysis, Advanced Finite Element Analysis (FEA), NVH- Vibration Measurements and Analysis, Modal Testing and Analysis, Acoustics Measurements and Analysis, 	
3	PLM	<ul style="list-style-type: none"> Essentials for Designers, Advanced Simulation Process, Basics of RobCAD, TCUA - Using TC, TCUA - Installation, TCUA - Integration for NX users, TCUA- Application & Data Model Administration 	
4	Robotics & DM	<ul style="list-style-type: none"> Tecnomatix - Process, Tecnomatix - RobCAD, Tecnomatix - Flow, Industrial Robotics Basics-KUKA Robotics Application - 1) Material Handling, 2) MIG Welding, 3) PLASMA Cutting 	
5	Mechatronics Concept Design (MCD)	<ul style="list-style-type: none"> PLC Programming, Essentials for Designers, MCD 	

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		<ul style="list-style-type: none"> HMI Mechanics 	
7	CAM & CNC	<ul style="list-style-type: none"> NX CAM Manufacturing Fundamentals NX CAM Turning Manufacturing Process Turning NC Programming Milling NC Programming TURNING- Operating and Machining MILLING- Operating and Machining 	
8	Maintenance Repair & Overhaul (MRO)	<ul style="list-style-type: none"> Welding Pneumatics Hydraulics Pumps Piping Systems 	
9	Industrial Automation & Mechatronics	<ul style="list-style-type: none"> PLC Programming HMI & NETWORKING Designing SCADA System Mechatronics 	B.Tech- ECE / EEE
10	Process Automation	<ul style="list-style-type: none"> PLC Programming HMI & NETWORKING Designing SCADA System & Process Instrumentation 	
11	Mechatronics Concept Design(MCD)	<ul style="list-style-type: none"> PLC Programming Essentials for Designers MCD HMI & NETWORKING Mechatronics 	
12	Distributed Control System(DCS)	<ul style="list-style-type: none"> PLC Programming HMI & NETWORKING Designing SCADA System Process Instrumentation Simatic PCS 7 Basics 	
13	Electrical Drives & Switch Gears	<ul style="list-style-type: none"> AC/DC Drives Low Voltage Switchgear Power systems Induction Motors 	B.Tech- EEE

a. Certificate Courses

Lab	Domain	Course Title	Total Duration (hrs.)
Product Design and Validation (PDV)	CAD	Essentials for NX Designers	40
		Sketcher Fundamentals	16
		Drafting Essentials	24
		Synchronous Modelling Fundamentals	16
		Synchronous Modeling and Parametric Design	24
		Intermediate Design & NX Assemblies	40
		NX Sheet Metal	16
		Class A Free Form Modelling/ Mechanical Free Form Modelling	40
		Advanced Assembly Design / Large Assembly Management	24
		Routing Mechanical	16
		Routing Electrical	16

	CAM	NX CAM Manufacturing Fundamentals	32
		NX CAM Turning Manufacturing Process	32
	CAE	Advanced Simulation	40
		Thermal and Flow Analysis	24
		Laminate Composites	8
		Motion Simulation	24
		Advanced Finite Element Analysis (FEA)	20
		Using Teamcenter	32
		Teamcenter Installation	40
		Teamcenter Integration for NX users	8
		Schedule Manager	16
		TC Application & Data Model Administration	40
		Mock-up	24
		Tecnomatix - RobCAD	32
		Tecnomatix - Flow	40
		Tecnomatix - Process	48
		Vibration Measurements and Analysis	20
		Modal Testing and Analysis	30
		Acoustics Measurements and Analysis	20
		TURNING-Numerical Control Programming	32
		MILLING-Numerical Control Programming	32
		Turning Operating and Machining	32
		Milling Operating and Machining	32
		Basics of PLC	50
		HMI & NETWORKING	40
		Basics of SCADA	50
		Basics of Mechatronics	50
		Welding	60
		Industrial Robotics Basics - KUKA	40
		Robotics Applications	120
		Basics of Process Instrumentation	50
		SIMATIC PCS 7 Basics	50
		Basics of Induction Motors	24
		Basics of AC-DC Drives	40
		Basics of Low Voltage Switchgear	40

		Basics of Power systems	40
Pneumatics & Hydraulics	MRO	Pneumatics	60
Virtual Reality	VR	Hydraulics	60
		Virtual Reality	8
Pumps Training System	MRO	Pumping System	50
		Piping System	40
Radar System	RADAR	Radar systems	50
Dimensional Accuracy and Control System	Marine	Dimensional Accuracy and Control System	40
Nesting- Productivity Improvement Lab		Nesting Productivity Improvement Lab	40
Hull Design		Hull Design	120

ARTICLE III

Courses: Seminars, Workshops, Refresher Courses

It is agreed that ACOE will arrange periodic seminars, workshops and refresher courses in collaboration with CEMS. The purpose of these courses is to facilitate and maintain on-going Industry-Institute interaction as well as provide a forum for faculty of ACOE as well as those of institutions in the vicinity to discuss on topics of current interest both to ACOE as well as CEMS. Experts from CEMS as well as faculty from ACOE with significant exposure in the topic of interest will coordinate and conduct these courses.

Arrangements for such courses will be made by ACOE in keeping with the convenience of experts from CEMS. Purpose, timing and other details concerning these courses shall be mutually acceptable to both the institutions. It is agreed that information concerning the duration of the visit, the proposed topics of the course and any further details, as required, will be mutually discussed by ACOE with CEMS by ACOE at least one month prior to the schedule of the course or workshop.

ARTICLE IV

Cooperative Research

It is anticipated that significant opportunities, of which a few have been identified, exist for cooperative research between ACOE and CEMS. Such clearly beneficial activities may require specific arrangements. In view of the importance of cooperative research, CEMS will provide necessary support to visiting faculty from ACOE to study research problems at CEMS. Such problems will be analyzed and solutions suggested by ACOE.

ARTICLE V

Competence in Consultancy

It is also anticipated that significant opportunities exist for taking up consultancy works with industries. ACOE has state-of-the-art equipment ideally suited to taking up consultancy work for industries in the area of materials testing, machinability testing, fabrication of complicated parts, dynamic testing or equipment etc. CEMS will provide necessary assistance and guidance to ACOE to develop such consultancy capabilities initially by working on challenges faced by CEMS and later extending the expertise gained to other industries.

ARTICLE VI

Exchange of Scientific Materials

Both the collaborating parties agree to exchange as widely as is practicable such items as scientific publications and journals, college calendars, prospectuses, text books, course outlines and reference materials that may be necessary and of use to either party.





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Siddhartha Nagar, Bangalore

PRINCIPAL

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Siddhartha Nagar, Bangalore

ARTICLE VII Duration of Memorandum of Understanding

The effective date of this MOU shall be 28th Feb 2020. The MOU shall extend for a period of 3 (Three) years and may be renewed upon mutual written agreement. The MOU may be modified by mutual written agreement. The MOU may be terminated by either CEMS or by ACOE with notification to the other party six months prior to the effective date of termination.

ARTICLE VIII Indemnification

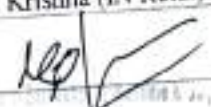

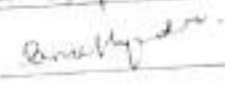

Centre of Excellence in Maritime & Shipbuilding (CEMS) and ACOE shall each indemnify and hold harmless the other, its faculty/officers, agents and employees, for any and all liability, damages and costs attributable to the negligent acts or omissions of the indemnifying party, its faculty/officers, agents and employees while acting in the scope of their employment and in furtherance of activities described in this Memorandum of Understanding.


ARTICLE IX Liability Insurance

Each party shall maintain its own insurance in amounts deemed appropriate for its operations. Such insurance shall provide coverage for negligent acts, errors, or omissions and provide protection against bodily injury or property damage claims. It is expressly understood that each party shall be solely responsible for its own actions and such insurance shall not extend to protect any other party.

ARTICLE X Conduct

Each party shall abide by the rules and regulations of the host institution especially in regard to visits by the faculty/students of ACOE to CEMS.
In witness hereof, the Centre of Excellence in Maritime & Shipbuilding (CEMS), and ADITYA COLLEGE OF ENGINEERING (ACOE) have executed those presently in manner hereinafter mentioned on the 28th day of Feb 2020 at 11:00AM.

SIGNED ON BEHALF OF	
Centre of Excellence in Maritime and Shipbuilding (CEMS)	ADITYA COLLEGE OF ENGINEERING (ACOE)
Commander S Gopi Krishna (IN Retd.)	Dr. A. RAMESH
Signature: 	Signature: 
Chief Operating Officer (COO)	Designation: PRINCIPAL Aditya College of Engineering SURAMPALEM - 533 437
Witness	
Name: <u>Ramesh Kumar</u>	Name: <u>S. T. V. S. KUMAR</u>
Signature: 	Signature: 
Designation: <u>Manager</u>	Designation: <u>Professor</u>


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ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Permanently Affiliated to JNTUK & Accredited by NAAC

Recognized by UGC under Sections 2(F) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533 437, E.G Dist, Ph: 99631 76662

Ref:ACOE/EEE/Internship/2021-22/001

Date:20-01-2022.

From
The Head of the Department,
Electrical & Electronics Engineering,
Aditya College of Engineering,
Surampalem.

To
The Principal,
Aditya College of Engineering,
Aditya Nagar,
Surampalem.

Sub:Permission for Internship to IV B.Tech Students – Regarding.

Respected Sir,

The IV B.Tech Electrical & Electronics Engineering student's are interested to do the internship in Centre of Excellence in Maritime & Shipbuilding from 07-02-2022 to 14-04-2022. I assure you that internship in Centre of Excellence in Maritime & Shipbuilding provides practical knowledge in the real-time environment. So I am requesting you to kindly permit to do an internship. The student details are given below for your kind perusal.

S.No	Roll Number	Name of the Student
1	19MH5A0214	CHOPPARAPU MOHAN
2	19MH5A0223	INAGADAPU.RUPESWAR
3	19MH5A0228	KANKIPATI.RAMKUMAR
4	19MH5A0230	KOMARTHI GANESH
5	19MH5A0235	MAGAPU JEEVAN CHARAN
6	19MH5A0236	MAGAPU MANITEJA

Thanking You,

Permitted:Principal

PRINCIPAL
Aditya College of Engineering
SURAMPALM-533 437

Mr.K.Manoj Kumar Reddy
Head of the Department
Electrical & Electronics Engineering

ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Permanently Affiliated to JNTUK & Accredited by NAAC

Recognized by UGC under section 2(f) of UGC Act 1956

Ph: (0884) 2326224, 99631 76662, Email: office@acoe.edu.in, Website: www.acoe.edu.in

Ref: ACOE/EEE/Internship/2021-22/001

Date: 22-01-2022.

From
The Head of the Department,
Electrical & Electronics Engineering,
Aditya College of Engineering,
Surampalem,

To
Centre of Excellence in Maritime & Shipbuilding,
Gandhi gram, Visakhapatnam-530005

Dear Sir,

SUB: - REQUEST FOR INTERNSHIP – REGARDING

Aditya College of Engineering is one of the reputed Engineering Colleges in Andhra Pradesh. The College was established in the Academic Year 2008-09 and consistently maintaining a commendable record of students' academic performance since its inception.

The College management wishes to send students of Engineering for Internships to various reputed Companies/Organizations like yours. If you permit them to do the internship, the students will get benefited from industrial orientation in addition to academics.

In this connection, we wish to send the following students of IV B.Tech Electrical & Electronics Engineering for Internship.

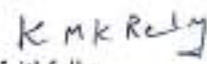
S.No	Roll Number	Name of the Student
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2	19MH5A0223	INAGADAPU.RUPESWAR
3	19MH5A0228	KANKIPATI.RAMKUMAR
4	19MH5A0230	KOMARTHI GANESH
5	19MH5A035	MAGAPU JEEVAN CHARAN
6	19MH5A0236	MAGAPU MANITEJA

We request you to provide Internship for our student's for a period of 2 months as per your convenient schedule during 01-02-2022 to 01-04-2022

We will be highly obliged if you please drop a letter of confirmation at the earliest.

Thanking you,


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Aditya College of Engineering
SURAMPALEM-533 437


Yours faithfully
(Mr.K.Manoj Kumar Reddy)

CEMS

IRCLASS

SIEMENS

Integrating the future

SAKSHI

Centre of Excellence in Maritime and Shipbuilding (CEMS)

(A Skill Development Initiative by Govt. of India / Ministry of Ports, Shipping and Waterways, Sagarmala)

This is to certify that Ms. MAGAPU JEEVAN CHARAN Studying

B.Tech VII Semester of EEE Department having Roll No 19MH5A0235

from Aditya College of Engineering, Surampalem

has successfully completed Industrial Internship Program on

Basics of PLC

Basics of SCADA

Basics of AC- DC Drives

Industrial Visit Hindustan Shipyard Limited (HSL)

Conducted by

Centre of Excellence in Maritime and Shipbuilding (CEMS), Gandhigram,
Visakhapatnam

From 07th Feb 2022 to 14th April 2022

Certificate No:

Authorized Signatory

Date: 14/04/2022.

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Aditya College of Engineering
SURAMPALAM, EEE

Cdr. Gopikrishna Sivvam, IN(Retd.)
Chief Operating Officer CEMS

CEMS

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Ingeniously by design

SATYANALU

Centre of Excellence in Maritime and Shipbuilding (CEMS)

A Skill Development Initiative by Govt. of India / Ministry of Ports, Shipping and Waterways - Sagarmala

This is to certify that Ms. KOMARTHI GANESH

Studying

B.Tech VII Semester of EEE Department having Roll No 19MH5A0230

from Aditya College of Engineering, Surampalem

has successfully completed Industrial Internship Program on

Basics of PLC

Basics of SCADA

Basics of AC- DC Drives

Industrial Visit Hindustan Shipyard Limited (HSL)

Conducted by

Centre of Excellence in Maritime and Shipbuilding (CEMS), Gandhigram,
Visakhapatnam

From 07th Feb 2022 to 14th April 2022

Certificate No:

Authorized Signatory

Date: 14/04/2022.



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Cdr. Gopikrishna Sivvam, IN(Retd.)
Chief Operating Officer CEMS

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Engineering Education

ADITYA COLLEGE OF ENGINEERING

Centre of Excellence in Maritime and Shipbuilding (CEMS)

(A Skill Development Initiative by Govt. of India / Ministry of Ports, Shipping and Waterways / Nagarmala)

This is to certify that Ms KANKIPATI . RAM KUMAR *Studying*
B.Tech VII Semester of EEE *Department having Roll No* 19MH5A0228
from Aditya College of Engineering, Surampalem
has successfully completed Industrial Internship Program on
Basics of PLC
Basics of SCADA
Basics of AC- DC Drives
Industrial Visit Hindustan Shipyard Limited (HSL)

Conducted by

Centre of Excellence in Maritime and Shipbuilding (CEMS), Gandhigram,
Visakhapatnam

From 07th Feb 2022 to 14th April 2022

Certificate No:

Authorized Signatory

Date: **14/04/2022.**


PRINCIPAL
Aditya College of Engineering
SURAMPALEM-533 437


Cdr. Gopikrishna Sivvam, IN(Retd.)
Chief Operating Officer CEMS

CEMS

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SIEMENS

Legality & Ethics

Quality & Safety

Centre of Excellence in Maritime and Shipbuilding (CEMS)

A Skill Development Initiative by Govt. of India / Ministry of Ports, Shipping and Waterways, Nagarmala

This is to certify that Ms. MAGAPU MANI TEJA *Studying*

B.Tech VII Semester of EEE *Department having Roll No* 19MH5A0236

from Aditya College of Engineering, Surampalem

has successfully completed Industrial Internship Program on

Basics of PLC

Basics of SCADA

Basics of AC- DC Drives

Industrial Visit Hindustan Shipyard Limited (HSL)

Conducted by

Centre of Excellence in Maritime and Shipbuilding (CEMS), Gandhigram,
Visakhapatnam

From 07th Feb 2022 to 14th April 2022

Certificate No:

Authorized Signatory

Date: 14/04/2022.


PRINCIPAL
Aditya College of Engineering
SURAMPALEM-533 037


Cdr. Gopikrishna Sivvam, IN (Retd.)
Chief Operating Officer CEMS

From: Livingston Francis <Livingston.Francis@cemsindia.org>
Sent: monday, January 28, 2022 09:30AM
To: Principal <principal@acoee.edu.in>;
Subject: Internship courses

Respected Sir,

Greetings from Centre of Excellence in Maritime & Shipbuilding (CEMS)!!!!

As we signed MoU with your esteemed organisation and looking forward for kind support to take it further. At present we are focusing on Summer Internship program and details as follows. I would also request you to pls circulate among the interested students . All the courses are of 2-3months duration with nominal fee of Rs 4000/-. It is applicable for Mechanical, ECE, CSE & Electrical Branches.

1. CEMS, a state of the art skill development centre started by Govt. of India in Visakhapatnam and Mumbai to impart high end job relevant skills to bridge the gap between institution and industry.

2. Centre of Excellence in Maritime and Shipbuilding (CEMS) – Promoters. CEMS is an initiative taken by Ministry of Shipping/ Sagarmala along with Siemens Industry Software India Pvt Ltd and Indian Register of Shipping in line with Prime Minister's flag ship program of 'Skill India'. The project aims to impart industry relevant training in latest software & hardware tools and technology used in the engineering industry. It is setup as a Section 8 'Not for Profit' Company, with total project cost of Rs 765.92Cr, one of the largest in any skill development initiative in the country in recent times.

- CEMS is a dedicated centre for facilitating Professional development and skill enhancement in Maritime, Infrastructure and Manufacturing sectors. We aim to build competency in the field of maritime by imparting right skills and create skilled manpower pool to cater to current and future industrial landscape of the Country.

- A world class Centre of Excellence has been established in Visakhapatnam and Mumbai which will run paid courses for domestic and international audience at - Basic, Intermediate and Advanced levels. These courses are designed and implemented by Siemens and its domain partners who provide the latest technical expertise in these areas.

CEMS Focus:

- Qualitative improvements in Technical Education


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SURAM/ADITYA 553 437

- Improvements in labs infrastructure by adopting latest open technologies in Engineering design, Manufacturing, Analysis and Management to serve the needs of targeted industries.
- Train students in CAD, CAM, CAE, Advance Manufacturing and design to improve employability.
- Facilitate the pursuit of career opportunities by up skilling of Diploma Graduates, Under Graduates, Post Graduates, Research Scholars and working professionals
- Enable technology adoption by Students and Faculties of the colleges through the State-of-the-art Manufacturing and Digital technologies.
- Create skilled manpower pool to cater to current and future industrial landscape of the region. Availability of trained workforce to attract industries to set up units in the coastal regions.
- Promote Industry – Academia partnership. Establish industry partnerships to guide, support, and validate industry relevant learning activities
- Promote innovation, assist exploratory research projects to foster relevant Industry innovation
- Skill up-gradation of faculty.
- Update course curriculum to align with modern industrial practices.
- Serve as a knowledge base and thought leader for the targeted disciplines
- The program leverages Siemens technologies to develop curriculum as per industry processes to cultivate future professionals and academic faculty. The program offers courses for Beginner, Intermediate and Advanced Levels. The program involves continuous training, monitoring and assessment of students.
- Would create a web-based platform, where all students will be enlisted.
- Continuous evaluation of students through tests and assignments. The students will be required to complete the assessments before they get certification.
- To enable students, transcend the knowledge barrier, Siemens has designed self-directed interactive learning solutions that can transform the process of educating novice users on complex products and processes. These self-directed learning solutions provide better retention, shorter learning curves and increase productivity.
- Self-Directed Interactive Digital training approach creates an efficient solution for users to get trained on products and processes. A student is taught to use the product or understand the process in a simulated engineering environment. The effectiveness of learning is enhanced as it engages learners with interactivity and multimedia along with the demonstration of various procedures, practicing the steps, and interactive assessment. It also provides flexibility to learn anytime with self-paced learning and evaluation.

Students Trainings (available for B. Tech & MTech students) on various technologies available at CEMS Centre's.

- Short term courses (average 40 hrs of training)
- Diploma & Certificate courses (average 200 hrs of training)
- Weekend / semester vacation courses
- Training for pass out students.
- Onsite Courses can be conducted for some courses.
- Faculty Development Program at CEMS Centres
- Internships as per AICTE guidelines at CEMS by participating institutes students

All courses of CEMS shall be certified by Siemens and Indian Register of Shipping (IRS)

The courses offered at CEMS are suitable for cross sections of Engineering Industry besides Maritime sectors. Thus the courses offered are suitable for 2nd/3rd/4th year students from BE/B.Tech or final year students from Diploma in Mechanical/ EEE/ Electrical/ Instrumentation/ Production/Aviation Engineering.

Registration link for enrolment :-

<https://forms.gle/NmrHSWXQXCGUfgLW8>.

After Registration pls join at Whats app group by below link.

<https://chat.whatsapp.com/IWNr75pTLMY3ysDdb1A13P>

Centre of Excellence in Maritime and Shipbuilding (CEMS) is happy to announce **start of admissions** for our **INTERNSHIP TRAINING PROGRAM**.

Fees can be paid in the following account:-	
Account Name	CENTRE OF EXCELLENCE IN MARITIME AND SHIPBUILDING (CEMS)
Account Number	126901000796
Currency Code	INR
BANK	ICICI BANK
Branch Name	HSL Complex, Visakhapatnam.
IFSC Code	ICIC0001269
Once the fees is paid, kindly share the acknowledgement	

May I request you to help in disseminating the information, about the Government initiative to your students and advise them to utilize the facility so that they will be well equipped with job relevant skills and get job ready. The courses are offered by CEMS, being 'Not for Profit' company, are hugely subsidized.


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Sriharipuram, Visakhapatnam - 531 027

8. Further Visakhapatnam campus has necessary Hostel accommodation facilities for trainees at highly affordable rates.

Soliciting your kind support.

Thanks & Regards

Livingston Francis

Manager-Marketing

Centre of Excellence In Maritime & Shipbuilding (CEMS)

Gandhi gram, Visakhapatnam-530005

Cell # 7032238283 www.cemsindia.org




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Gandhi gram, Visakhapatnam-530005

CEMS

IRCLASS

INDIAN RAILWAYS

COE

Centre of Excellence in Maritime and Shipbuilding (CEMS)

A Skill Development Initiative by Govt. of India - Ministry of Ports, Shipping and Waterways - Bangalore

I hereby certify that Ms. **MAGAPU MANI TEJA**

Mridha

B.Tech VII Semester of **EEE** Department having Roll No 19MH5A0236

from Aditya College of Engineering, Surampalem

has successfully completed Industrial Internship Program on

Basics of PLC

Basics of SCADA

Basics of AC-DC Drives

Industrial Visit Hindustan Shipyard Limited (HSL)

Conducted by

Centre of Excellence in Maritime and Shipbuilding (CEMS), Gandhigram,
Visakhapatnam

From 07th Feb 2022 to 14th April 2022

Certificate No:

Authorized Signatory

Date: **14/04/2022.**


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Gandhigram, Visakhapatnam - 531 522


Cdr. Gopikrishna Sivvam, (IN(Rtd.))
Chief Operating Officer, CEMS

CEMS

IRCLASS

Aditya College of Engineering

Surampalem, Andhra Pradesh

Page No. _____

Date: _____

Centre of Excellence in Maritime and Shipbuilding (CEMS)

(Skill Development Initiative by Govt. of India - Ministry of Ports, Shipping and Waterways - Nagasaki)

This is to certify that Ms. MAGAPU JEEVAN CHARAN

Study of

B.Tech VII Semester of EEE Department having Roll No 19MH5A0235

from Aditya College of Engineering, Surampalem

has successfully completed Industrial Internship Program on

Basics of PLC

Basics of SCADA

Basics of AC-DC Drives

Industrial Visit Hindustan Shipyard Limited (HSL)

Conducted by

Centre of Excellence in Maritime and Shipbuilding (CEMS), Gandhigram,
Visakhapatnam

From 07th Feb 2022 to 14th April 2022

Certificate No: _____

Authorized Signatory

Date: 14/04/2022.


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Aditya College of Engineering
SURAMPALAM-531 437


Cdr. Gopikrishna Sivvam, IN(Retd.)
Chief Operating Officer, CEMS

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Aditya College of Engineering

Surampalem

Centre of Excellence in Maritime and Shipbuilding (CEMS)

Skill Development Initiative by Govt. of India - Ministry of Ports, Shipping and Waterways - Nagarmam

This is to certify that Ms. KOMARTHI GANESH

Student of

B.Tech VII Semester of EEE Department having Roll No 19MH5A0230

from Aditya College of Engineering, Surampalem

has successfully completed Industrial Internship Program on

Basics of PLC

Basics of SCADA

Basics of AC-DC Drives

Industrial Visit Hindustan Shipyard Limited (HSL)

Conducted by

Centre of Excellence in Maritime and Shipbuilding (CEMS), Gandhigram,
Visakhapatnam

From 07th Feb 2022 to 14th April 2022

Certificate No:

Authorized Signatory

Date: **14/04/2022.**


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SURAMPATEM 533 037


Edr. Gopikrishna Sivvam, IN (Retd.)
Chief Operating Officer, CEMS

IRCLASS

Centre of Excellence in Maritime and Shipbuilding (CEMS)

CoE for Development Initiatives by Govt. of India, Ministry of Ports, Shipping and Waterways, Hyderabad

It is hereby certified that **Mr. KANKIPATI . RAM KUMAR**

Student of

B.Tech VII Semester of EEE Department having Roll No 19MH5A0228

from Aditya College of Engineering, Surampalem

has successfully completed Industrial Internship Program on

Basics of PLC

Basics of SCADA

Basics of AC-DC Drives

Industrial Visit Hindustan Shipyard Limited (HSL)

Conducted by

**Centre of Excellence in Maritime and Shipbuilding (CEMS), Gandhigram,
Visakhapatnam**


From 07th Feb 2022 to 14th April 2022

Certificate No:

Authorized Signatory

Date: 14/04/2022.


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Cdr. Gopikrishna Sivvam, INCRetd. J
Chief Operating Officer, CEMS

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Register of Shipping

Surampalem

Centre of Excellence in Maritime and Shipbuilding (CEMS)

A Skill Development Initiative by Govt. of India - Ministry of Ports, Shipping and Waterways (MSW)

This is to certify that Ms INAGADAPU RUPESWAR

Student

B.Tech VII Semester of EEE Department having Roll No 19MH5A0223

from Aditya College of Engineering, Surampalem

has successfully completed Industrial Internship Program on

Basics of PLC

Basics of SCADA

Basics of AC-DC Drives

Industrial Visit Hindustan Shipyard Limited (HSL)

Conducted by

Centre of Excellence in Maritime and Shipbuilding (CEMS), Gandhigram,
Visakhapatnam

From 07th Feb 2022 to 14th April 2022

Certificate No:

Authorized Signatory

Date: 14/04/2022.


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Aditya College of Engineering
SURAMPALAM-531 434


Dr. Gopikrishna Sivvam, IN(Retd.)
Chief Operating Officer CEMS

CEMS

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STRENGTH

Agree, Feb 2022

14/04/2022

Centre of Excellence in Maritime and Shipbuilding (CEMS)

(A Skill Development Initiative by Govt. of India - Ministry of Ports, Shipping and Waterways - Sagarmala)

This is to certify that Ms. CHOPPARAPU MOHAN

Studying

B.Tech VII Semester of EEE Department having Roll No 19MH5A0214

from Aditya College of Engineering, Surampalem

has successfully completed Industrial Internship Program on

Basics of PLC

Basics of SCADA

Basics of AC-DC Drives

Industrial Visit Hindustan Shipyard Limited (HSL)

Conducted by

Centre of Excellence in Maritime and Shipbuilding (CEMS), Gandhigram,
Visakhapatnam


From 07th Feb 2022 to 14th April 2022

Certificate No:

Date: **14/04/2022.**

Authorized Signatory


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SURAMPALAM-533 432


Cdr. Gopikrishna Sivvam, IN(Retd.)
Chief Operating Officer, CEMS



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is entered on 10th Day of June 2019.

Between

CL Media Ltd (hereinafter referred to as 'CLM'), a company incorporated under the Indian Companies Act, 1956 having its registered office at A-45, First Floor, Mohan Cooperative Industrial Area, Main Mathura Road, New Delhi - 110044 and is a 100% subsidiary of CL Educate Limited, and represented by its undersigned of the ONE PART,

And

Aditya College of Engineering (hereinafter referred to as 'AGI'), having its campus at Aditya Nagar, ABD Road, Surampalem, East-Godavari District, Andhra Pradesh, Pin: 533437 represented by undersigned of the OTHER PART;

Whereas, CLM and AGI shall be hereinafter jointly referred to as the "Parties" and singularly as a "Party", the Parties has decided to agree to establish industry-academic collaboration in areas of

(Signature)
VICE-CHAIRMAN
ADITYA EDUCATIONAL INSTITUTIONS
SURAMPALAM

(Signature)
PRINCIPAL
Aditya College of Engineering
SURAMPALAM

(Signature)
N. Lakshmi

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26 APR 2019

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1 MAY 2019

AW 717567

K. SANKAR
TAMP VENDOR
LICENCE NO. 1001/04
NO. 2, MADHAI ROAD
ENAGAR, CHENNAI-12

mutual interest and in accordance with terms and conditions set forth in this Memorandum of Understanding (MOU). CLM and AGI agree on following:

SCOPE OF WORK:

CLM will provide Consultancy, Solutions & Services for setting up a Research Incubator in AGI under the Aegis of Accendere (Accendere Knowledge Management Services: A CL Educate group entity, focused on Research, hereinafter referred to as 'AKMS').

About Accendere:

Accendere Knowledge Management Services (AKMS) is focused on Research and help clients like Educational Institutes & Corporates to imbibe a culture of Research, Setup Process and create Research Papers and extend support in publishing it in relevant Journals or Present in relevant Conferences.

The work would encompass variety of activities Viz. Enabling the 900 Students from ECE & EEE Streams who are entering their Second Year in June 2019, to understand the Research Process, Formation of Research Groups, Tagging students to AGI Faculty for Mentorship, Conduct Class Room Sessions on Research Methodology & Statistics, Identification of Topics in association with Mentors, Shortlisting potential papers for Literature Survey, Copy Editing, Identification of Journals &

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N. Sankar

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R. PANDYAN
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LICENSED TO THE
No. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

Conferences for presenting the research paper, Assistance in Publishing & Presenting, Creation of Articles that show the competence of students for Promotion of AGI.

The students will be divided into groups consisting of 3 students in each group. One faculty mentor from AGI will be assigned to each group. The entire process will be coordinated by Three (3) Full-Time Research Coordinators from AKMS. The Research Coordinator will be dedicated to Aditya Group of institutions and will be available in their campus as per their Academic Calendar, for executing the work. The Coordinators shall work to ensure maximum productivity is derived from the initiative.

AGI would also be provided Access to AKMS's proprietary "Research Incubator Software" with secured Login provided for all the Research Students and Mentors (Faculty of AGI). The software helps AGI Management to keep track of the Progress of Research Incubator services provided by CLM and AKMS.

Each Party shall appoint one nodal officer to periodically review and identify ways to strengthen cooperation between them.

AKMS shall setup an Accendere Innovation Center which shall be the cornerstone of the above activities on campus.

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N. Srinivasan

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Basis discussions, other aspects of engagement shall include but not limited to the following:

- Student motivation and encouragement sessions
- Listing of Student and Faculty Research Projects in the CL's WAIN (Worldwide Academia Industry Network) Platform.
- One Faculty Development Program every Quarter.
- Support AGI Faculty to review their Funding Proposals to enhance it's quality.

CLAUSE OF CONFIDENTIALITY:

CLM maintains high levels of confidentiality and pledges not to disclose any client specific data, company information or any sensitive information (Including research topics or patent models) that may otherwise prove detrimental to AGI. CLM also urges AGI not to disclose any service provider data, training materials, handouts, presentations, training tools or any other specific material that may otherwise prove detrimental to the CLM.

EXIT CLAUSE:

The parties may choose to exit this agreement unilaterally by providing 3 (Three) month's notice to the other party or under mutual consideration. All payments due for services provided upto the period where the MoU is in force will have to be paid in full.

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NON-COMPETITION CLAUSE:

Under the Non-Competition clause, any of the party cannot hire or take any kind of service from any of other party members associated with the implementation of research incubator for a period of three years after the expiry of the validity of this MOU.

INNOVATION COVENANTS:

1. All papers presented/published shall carry AGI and AKMS as affiliations
2. AGI shall create a special fund of Rs.10,00,000 (Rupees Ten Lakhs Only) for every 300 students to help procure consumables, pay for usage of Equipments in other Institutions, Applying and Attending specific conferences, etc., for research, basis discussion with the Mentor from AKMS. This fund shall be controlled by the Management of AGI
3. All patents that come out of the Research Incubator Initiative shall have AKMS as a co-owner. Any future revenue realization arising from the patent shall have 30% of the revenues going to AKMS. AGI is free to decide on the split of any future revenue between the inventor(s) and AGI by means of a contract between the inventor(s) and AGI. AGI may choose to be another co-owner of the patent.

Inventor(s) is(are) the individual(s) who has(have) worked towards creating the patent

The owners of patents can do the following with their rights, basis mutual discussion and agreement between them.


- License the patent to one or more parties for royalties
- Sell the patent rights
- Sue a patent infringer
- Manufacture, offer for sale, sell or use a product covered by the patent without infringing the patent

FINANCIALS:

The Total Engagement period would be for Twelve (24) Months and CLM and AKMS will deploy Three (3) Full-time mentor at AGI to execute this program.

AGI agrees to pay a total Professional fee of Rs.60,00,000 (Rupees Sixty Lakhs Only) excluding GST to CLM for the Academic Year 2019-20 (Twelve Months period of June 2019 to May 2020) for the 2018-2022 batch students who would be entering their Second year as on June 2019 in the ECE & EEE Streams. AGI agrees to pay the same value of Professional fee (Rs. 60,00,000 – Rupees Sixty Lakhs Only, excluding GST) for the Academic Year 2020-21 as well, for the same 2018-2022 batch of students (Twelve Months Period of June 2020 to May 2021), to complete the Total Engagement period.


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SURAMPALAM


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SURAMPALAM-533 432

of Twenty Four (24) Months.

Minimum Twenty Five (25) Faculty members will also participate in the research incubation from AGI.

AGI and CLM may choose to extend this to other programs / streams also under mutual consent. The same method may be used to calculate the fee payable for the next batch(2019-2023) of students who will enter their second year as on June 2020 For ECE & EEE Streams.

The payment would be made in the form of RTGS or Cheque (Favoring CLM) as follows:

- Rs. 5,90,000 (Rupees Five Lakhs, Ninety Thousand Only) including 18% GST on or before 10th of every month, starting from June 2019 to May 2021 (24 Months).

The scope of activities agreed upon, would start only after the respective payments are received by CLM as per the above schedule.

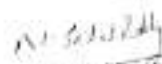
In addition to the Professional fee, AGI agrees to pay a success fee as below to CLM on a per paper basis earned by the Research success matrix as defined below:

Type of Research Paper	Indicative No. of Papers	Success Fee Per Paper - Excluding GST (Rs.)
Research Papers in Conference(s), UGC Journals	40	5,000
Research Papers in Peer-Reviewed Journals (Scopus, IEEE, etc.,)	100	15,000
Research Papers in Peer-Reviewed Journals (WoS, SCI, SCIE, PubMed, etc.,)	40	25,000
Patent Submission & ABDC Journals - A* Category	-	50,000
Grand Total	180	

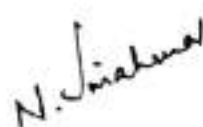
The actual number of paper against each Type of Research Paper may vary from the above indicative numbers. The Invoice for success fee would be raised at the end of 24 months basis the actual number of Research papers communicated till then, in each Type of Research Paper mentioned above. GST would be applicable as extra on the total value of the Invoice, calculated basis the above matrix.

This shall be payable on a regular basis within Fourteen (14) days of invoices being submitted by CLM with relevant supporting documents.

AKMS shall also deserve a 20% success fee of total grant amount for all successful extramural research funding obtained through projects in which AKMS has significantly contributed to design, development and successful grant of research funding from government, non-government and industrial sources.


VICE CHAIRMAN
ADITYA EDUCATIONAL INSTITUTIONS
SURAMPALAM


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SURAMPALAM-533 437


N. Sridhar

INDEMNIFICATION

- Both the parties agree to indemnify each other with respect to any claims, loss or damage, unless such claims, loss or damage result from the negligence or acts of any of the party or its employees.
- Each party agrees to assist the other party in taking appropriate action and further agrees to commence such action if legal necessity so requires.

EFFECTIVE DATE:

This MOU will take effect from the date it is signed by representatives of the Parties.

This MOU outlines the Scope of Services and the Professional Fee and Success Fee payable for a period of 24 months for the for the 2018-2022 batch of students who would be in their Second year as on June 2019 in the ECE & EEE Streams.

The Scope of Services for next batch (2019-2023) of students who will be entering their second year as on June 2020 for ECE & EEE Stream shall be discussed and finalized separately.

The MOU would provide for all the activities as agreed upon between CLM and AGI to be executed in totality, in the eventuality of MOU expiring before the completion of Activities.

Extensions may become effective upon final signature of the appropriate parties.

GOVERNING LAW AND DISPUTE RESOLUTION:

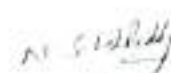
Any Dispute connected with formation, performance, interpretation, nullification, termination, or invalidation of this Agreement or arising therefrom or related thereto in any manner whatsoever shall be resolved by mutual discussion or conciliation between the Parties.

If the Dispute is not settled between the Parties within 90 days' time, it shall be referred to a sole

arbitrator to be jointly appointed by the Parties. In case the Parties do not agree on appointment of a sole arbitrator, then the matter will be referred to a panel of three arbitrators, constituted by one arbitrator each to be appointed by both the Parties and the third arbitrator to be appointed by the two duly appointed arbitrators. The arbitration will be conducted in accordance with the provision set forth in the Indian Arbitration and Conciliation Act, 1996 (the "Act").

The place for holding such arbitration proceedings shall be New Delhi or Vijayawada. Arbitration shall be conducted in English language. The decision of the Arbitrator shall be final and binding upon both the parties.

The parties agree that only the Courts in New Delhi or Vijayawada in the Republic of India shall have jurisdiction to entertain proceedings related to this Agreement whether during pendency or after expiry/termination. No other court shall have jurisdiction.


N. S. Reddy
Principal
Aditya College of Engineering
Surampalem-533 417


PRINCIPAL
Aditya College of Engineering
SURAMPALEM-533 417


N. S. Reddy

SIGNED IN DUPLICATE:

This MOU is executed in duplicate with each copy being an official version of the Agreement and having equal mutual validity

Mr. Satish Reddy

VICE-CHAIRMAN
ADITYA EDUCATIONAL INSTITUTIONS
For Aditya Group of Institutions

Mr. Satish Reddy
Vice Chairman

For CL Media Pvt. Ltd.,

N. Mahajan
for Mr. Nikhil Mahajan

Executive Director and Group CEO



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Circuit analysis and modelling of dual active bridge bidirectional converter

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ABSTRACT

This work illustrates a detailed circuit analysis and related simulation of dual active bridge bidirectional converter. The dual active bidirectional converter is used in many industrial applications such as hybrid electric vehicle, interfacing energy storage devices on distributed generation system etc. Detailed circuit analysis of the converter is one of the most challenging work and this paper addresses the same with adequate analysis and simulation results.

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Selection and peer-review under responsibility of the scientific committee of the First International Conference on Design and Materials (ICDM)-2021

1. Introduction

DC-DC converter finds widespread use in different applications. There are different topologies of DC-DC converter which has been reviewed in [1]. Dual active bridge (DAB) converter is one of the new topologies which provides bidirectional power conversion with galvanic isolation. DAB converter utilizes the energy of leakage inductance of high frequency transformer to transfer power. There are two different type of DAB such as current fed DAB and voltage fed DAB. The modulation of DAB has 3 degree of freedom i.e. primary voltage, secondary voltage and phase shift between both the bridges. Pulse width modulation (PWM) and phase shift modulation (PSM) are different modulation techniques for DAB converter [7–8]. A comparative analysis of single and three-phase dual active bridge converter has been discussed in [2,5]. Continuous time control of dual active bridge converter has been discussed in [3,4]. One of the limitations of DAB converter is circulation power flow and techniques to mitigate circulation power flow has been discussed in [6]. Different modulation techniques such as pulse width modulation and phase shift modulation have been used in dual active bridge power converter and detailed analysis can be found in [7–8,12]. State space model of DAB converter is presented in [9,10]. Control techniques of DAB converter has been

presented in [11]. DAB converter derived switched capacitor converter has been discussed in [13].

This paper provides circuit analysis of dual active bridge converter and its related simulations. Complete analysis and sizing as well as rating of the converter has been discussed in this paper.

Section II provides the circuit operation of dual active bridge converter. Section III provides simulation results and Section IV provides concluding remarks.

2. Dual active bridge converter

Fig. 1 illustrates the circuit diagram of dual active bridge bidirectional converter which comprises of two different bridges of 4 switches each, high-frequency transformer, energy transfer inductor, dc-link capacitor and load. The switches of the bridges are accompanied by anti-parallel diode and snubber capacitor. The snubber capacitor is used to allow zero voltage switching operation or soft switching operation. Fig. 2 provides the circuit diagram of primary referred DAB bidirectional converter.

The peak current of transformer can be represented as:

$$\begin{aligned} I_1 &= \frac{I_o}{N_s} (2 \frac{V_o}{V_m} d + V_m - \frac{V_o}{N_s}) \\ I_2 &= \frac{I_o}{N_s} (2 V_m d - V_m + \frac{V_o}{N_s}) \end{aligned} \quad (1)$$

Dual active bridge converter operates in both buck and boost mode and Fig. 3 provides the operation waveform of buck and boost mode operation of dual active bridge converter. Fig. 4

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Study of different techniques to mitigate temporary overvoltage in photovoltaic system

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Keywords:
PV
Temporary overvoltage
Transformer configuration

ABSTRACT

This paper investigates the cause of temporary overvoltage in PV system and different ways to mitigate them. Temporary overvoltage is an undesired phenomenon in distributed generation system which needs to be eliminated using different transformer configuration and grounding banks. This paper illustrates the principles of transformer configuration for mitigation of temporary overvoltage in PV system.

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1. Introduction

Integrating renewable energy sources to utility grid is one of the most challenging tasks as several factors need to be considered. PV system are connected to inverter and the inverter is connected to the grid via step up transformer. There is multiple international standard which specify the standards of interconnection. Validation of such standards for PV system has been discussed in [3]. Fig. 1 provides a schematic diagram of interconnection of PV system with grid where different protection aspects such as fault protection, islanding protection, generator protection and power flow protection are given importance. Different local loads and DC sources are connected to the feeder.

Temporary overvoltage (TOV) which is an oscillatory overvoltage persisting for many cycles is one of the unwanted and destructive effect which effects on the consumer load, equipment and distributed generation (DG) systems. There are different causes of TOV such as rise in ground potential, displacement of neutral voltage, inductive coupling of fault current, over modulation of inverter, lightning strike, ground fault, switching events and series resonance. Renewable system connected with grid are termed as DG system and TOV has severe impact on DG. In a DG system, TOV can be caused by asymmetrical AC faults as well as unintentional islanding incident. Therefore, different control schemes to limit TOV has been discussed in literature. Apart from the control

aspects of limiting TOV there are other aspects to mitigate TOV by the use of different electrical components such as transformers, grounding banks etc. Effect of different transformer configuration for grounding purpose of distributed generator has been discussed in [1]. In [2], the authors proposed a control mechanism to mitigate temporary overvoltage for grid connected PV system with current source inverter. Smart PV inverter is used as a suppressor of TOV phenomena for distribution system in [4]. Different techniques for transient overvoltage suppression for distributed generation system has been discussed in [5]. Protection and grounding strategy for grounding for inverter based distributed generation system has been provided in [6].

This paper provides an overview of different techniques of grounding of PV system. Different IEEE standard for grounding has been discussed. Mitigation of TOV using different transformer configuration has been discussed in this paper.

2. Grid integrated PV system

Fig. 2 illustrates the grid integration scheme of PV system where multiple converters are used to extract power from PV panel and transfer it to the grid.

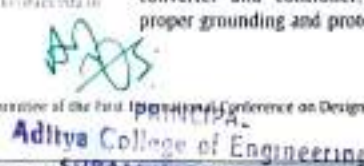
For harnessing maximum power from PV panel, maximum power point tracking scheme is used along with a voltage regulator and pulse width modulator. For grid synchronization, phase locked loop are used and for inverter control, dual-loop control technique involving voltage and current loop are used. Apart from the power converter and controller, grid-integrated PV system requires proper grounding and protection mechanism.

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July 2021

Load Flow Solution of Distribution Systems - A Bibliometric Survey

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Design and Analysis of AC-DC Power Factor Correction Converter

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Abstract— The present work provides details of controller design for AC-DC power factor correction converter. Voltage mode and current mode control techniques of PFC converter has been discussed. Simulation as well as experimental verification has been provided to justify the theoretical basis.

Index Terms—Power factor correction; AC-DC converter; Controller

I. INTRODUCTION

The distortion of normal current waveform due to different nonlinear utility loads create harmonics in AC distribution system. These harmonics are harmful in nature and distort the power factor of the system. There are different standards for suppression of current harmonics. IEEE 519-1992 and IEEE 1000-3-2 are some of the recognized standards for dealing with current harmonics. For a unidirectional single phase rectifier system, there are different methods to improve the power factor which will reduce the harmonic contents. The methods can be broadly classified as passive method and active method. In passive method, additional passive components are inserted in the line side or load side of the rectifier so as to suppress the harmonics whereas in active method, buck or boost converter are used to improve the power factor.

Classical AC-DC power factor correction (PFC) converter comprises of a diode bridge rectifier followed by a boost converter to regulate required DC output voltage. AC-DC PFC provide good voltage regulation, input current regulation, increased power density and reduced weight and size. The design of AC-DC PFC converter is very challenging and a lot of research has been going on in this area. There are several topologies which has been investigated for the same. There are different kind of linear as well as nonlinear controllers which are implemented for AC-DC PFC converter.

Experimental evaluation of active power factor correction techniques have for AC-DC boost converter has been discussed in [1]. Bridgeless totem-pole PFC rectifier using GaN device has been discussed in [2]. Isolated AC-DC PFC with reduced number of switches have been discussed in [3]. Suppression of line frequency instabilities in AC-DC PFC has been discussed in [4]. Different techniques for EMI filter design has been discussed in [5-8]. Different DC-DC converter topologies are discussed in [9-10].

This paper provides a design and control aspect of AC-DC PFC converter where different controller techniques have been evaluated. Section II provides the design of AC-DC PFC. Section III provides the control aspects of AC-DC PFC. Section IV provides the simulation results. Experimental results are provided in Section V. Conclusion is provided in Section VI.

II. DESIGN OF AC-DC PFC CONVERTER

Figure 1 shows the block diagram of AC-DC converter with power factor correction scheme. Input filter or EMI filter is used as the first stage, rectifier is used as a second stage and DC-DC boost converter is used as the third stage. Feedback control scheme is used to control the switch of the boost converter.

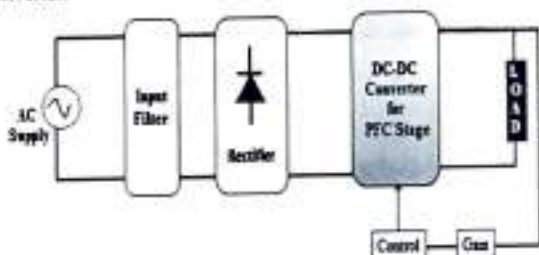


Fig. 1. Block diagram of AC-DC converter with power factor correction stage

TABLE I DESIGN PARAMETERS FOR AC-DC PFC

Parameter	Min	Typical	Max	Unit
V_m Input Voltage	195		270	VAC
f_m Input frequency	47		63	Hz
V_o Output Voltage		390		VDC
P_o Output Power			1000	W
Line regulation			5%	
Load regulation			5%	
$p.f.$ Power factor		0.99		
η Efficiency		96%		

Fractional-Order Extremum Seeking MPPT for Photovoltaic System



Padimi Sri Venkata Satish, Yellapu Manikanta Swamy,
Ch Uma Phanendra Kumar, and K. Manoz Kumar Reddy

1 Introduction

Photovoltaic system are widely adopted to generate electricity all over the world. The photovoltaic cell produces electricity from sunlight. When the solar irradiance (W/m^2) and ambient temperature ($^{\circ}\text{C}$) changes, PV voltage and current changes. Therefore, MPPT system are required to extract maximum power from PV source [13]. Extremum seeking PV MPPT system has been discussed in [5, 6]. Fractional order extremum seeking MPPT has been discussed in [14]. Degradation detection of PV system using extremum seeking has been discussed in [3]. Extremum seeking MPPT for fuel cell has been discussed in [8]. Stability analysis of extremum seeking principle is discussed in [9]. Adaptive extremum seeking has been discussed in [7]. Multivariable extremum seeking MPPT has been discussed in [1]. Different converter topologies have been discussed in [11, 12]. DC-microgrid based PV system [4] and partial shading detection for PV system has been discussed in [2, 10].

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PRINCIPAL
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Study of Soft-Starter based Induction Generator for Wind Energy Conversion System

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Abstract—This paper provides study of the working of a soft-starter based induction generator which is used in wind energy conversion system. Different configuration of soft starter for 3-phase induction motor has been discussed in this work. Control mechanism of phase control of anti-parallel SCR has been discussed in this paper.

Index Terms— Wind turbine; soft-starter; induction motor

I. INTRODUCTION

Wind energy is one of the most widely used renewable energy sources which can operate either in standalone mode or grid connected mode. Many developed as well as developing nations use wind energy for electricity generation. Wind energy conversion system broadly deploy two categories of wind turbine i.e. fixed speed and variable speed. Due to advancement in technology and power electronics converter and control principle, power generated from wind energy is more or less comparable to the conventional power plant.

Connection of wind turbine to the utility grid comprises of different power converter and control units. Apart from converter and control unit, different protection units are also there. One of the basic protection unit is soft starter. Intelligent soft-starter for grid-integrated wind turbine system has been discussed in [1]. Neural network based soft starter for voltage controlled fed induction motor has been discussed in [2]. Grid-integration of wind turbine is one of the challenging task as voltage regulation and frequency synchronization are two of the most important parameters. Voltage support and regulation of industrial distribution

system in presence of wind turbine has been summarized in [3]. Performance evaluation of induction motor with auxiliary winding for wind turbine system has been explored in [4]. Intelligent maximum power point technique for wind turbine system has been discussed in [5]. Different type of generators and their modeling in wind energy has been discussed in [6,8]. For soft starter, thyristor are used and phase control of thyristor are used [7]. The power quality aspects of soft start option for induction motor has been discussed in [9]. Modelling and analysis of AC-AC soft starter for induction motor using SCR and IGBT has been discussed in [10]. Speed control of induction motor using soft starter has been discussed in [11].

This work studies the basic of soft-starter technique in wind energy conversion system where squirrel cage induction motor has been used for the wind turbine generator. For wind turbine, 3-phase phase controlled thyristor connected in anti-parallel mode is used as a soft starter. Detailed explanation of working principle of soft starter is discussed in this paper along with simulation results.

II. WIND TURBINE

Wind turbines are classified in to four different categories such as

- Type I: Fixed speed induction generator
- Type II: Variable speed/slip, induction generator
- Type III: Variable speed, doubly fed induction generator
- Type IV: Variable speed, fully rated converter

Type I and Type II turbine are small-scale turbine whereas Type III and Type IV are newly developed turbine.


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Optimal Capacitor Placement - A Bibliometric Survey

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**MEMORANDUM OF
UNDERSTANDING FOR
Establishing College Innovation
Cells**

BETWEEN

ANDHRA PRADESH INNOVATION SOCIETY

AND

**ADITYA COLLEGE OF ENGINEERING,
SURAMPALEM**



PRINCIPAL
Aditya College of Engineering
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MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is entered on this 2nd day of December, 2019 at Aditya College of Engineering, Aditya Nagar, ADB Road, Surampalem, East Godavari District, Andhra Pradesh, Pin: 533 437, India.

Between

Andhra Pradesh Innovation Society, Government of Andhra Pradesh, having its office at Infosight, 2nd Floor, Survey Number 78/2, Tadepalli, Guntur, Andhra Pradesh, India 522501, and represented by its Chief Executive Officer, hereinafter referred to as "APIS",

And

ADITYA COLLEGE OF ENGINEERING sponsored by Sarojini Educational Society, Kakinada an Educational Institution registered under the Societies Act XXI of 1860, Society No. 1179 of 92 and having its office at D.No. 2-24-2, Sri Nagar, Kakinada, East Godavari District, A.P. and represented by its Principal, Dr. A. Ramesh, hereinafter referred to as "ACOE".

APIS and the Institute are hereinafter collectively called the "Parties".

Aditya College of Engineering is established in 2008-09 academic year, Approved by AICTE, New Delhi, Permanently Affiliated to Jawaharlal Nehru Technological University, Kakinada and Recognized by UGC under section 2(f) of UGC Act 1956. The college is conducting B.Tech, M.Tech and MBA Courses.

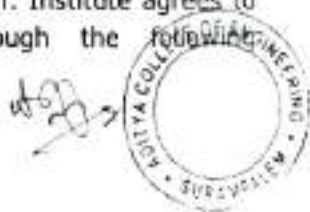
The Institute wishes to collaborate with APIS to promote and foster Innovation and entrepreneurship spirit among the students both in its own campus as well as from surrounding areas where Institute is located through their Innovation Cells (ICs).

Whereas, APIS is focusing on developing the Startup ecosystem in Andhra Pradesh through setting up of a network of Innovation Cells spread across the leading Higher Education Institutions throughout the state of Andhra Pradesh. Institute is very enthusiastic to promote the spirit of innovation and entrepreneurship in its campus. Both Parties welcomed mutual cooperation for facilitating the effective functioning of the Innovation Cell in the Institute;

Now, therefore, APIS and the Institute wish to formalize the understanding as follows:

1. The Institute shall commit certain resources (as and when required) for the establishment and/or operationalization of the ICs in its own campus, which is expected to drive the innovation and startup ecosystem and produce entrepreneurs and innovators among students and staff. Institute agrees to achieve above mentioned broad objectives through the following:


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infrastructure:

- a. Provide 2000 to 3000 square feet of exclusive space with plug and play infrastructure (ready to be used as co working space including appropriate furniture, layout, electricity and telecom connectivity, etc) to comfortably accommodate 50 plus innovators working on their start up idea. Such spaces should carry joint branding of APIS & Institute.
 - b. Such spaces maybe utilised for developing the start-up ideas not only by students and staff of the Institute but also by students, innovators, and start-ups/researchers of the surrounding areas
 - c. A mutually agreed portion of the Infrastructure up to 50% (negotiable) may be allocated to start ups as screened by APIS through a committee comprising of members from APIS and one member from the Institute.
 - d. APIS shall have free access to these ICs to conduct/sponsor training programs, workshops, etc
2. APIS shall provide for the following
- i. Knowledge and technical resources including and not limited to IP (Intellectual Property Rights) protection services, Filing services, etc to the startups being incubated in such ICs. Use case repository would also be shared.
 - ii. Access to incubation and acceleration facilities of APIS as deemed fit on a case to case basis depending on the stage of the start up
 - iii. Make available mentorship facilities and exposure to avenues of funding for qualified startups through Venture Capitalists (VCs)/Angel Investors in pitching programs or investor meets through appropriate sponsorship of the qualified startups.
 - iv. Conduct thematic training programs, bootcamps, hackathons, etc on periodic basis
 - v. Make available all provisions as declared by Government of Andhra Pradesh (GoAP) as well as other government agencies as mandated
 - vi. Any other support that may be provided subject to mandates and policies.
3. Both Parties shall jointly ensure appropriate Funding Support to deserving startups at various stages and different quantum. A Committee may be constituted with membership from APIS, Institute and/or Industry representatives which could recommend the necessary fund disbursal to the qualified start up after going through necessary screening processes.
- a) Apex Committee at APIS for growth of start-ups is being decided for qualified start-ups and the services of the same shall be extended to ICs
 - b) IC in charges are free to invest in any of the start-ups in their campuses.
 - c) Treatment of students from campus and members of community who are pursuing their start-ups in the campus shall be on equal terms in terms of limitations.
 - d) APIS may extend support for infrastructure at ICs subject to budgets and availability of funds.



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Surampalem - 522 232






4. All the ICs along with the incubators and accelerators of APIS shall form a network within which any registered and recognized start-up by APIS can feel free to operate from any location depending on the nature of activity subject to approvals and availability of infrastructure.
5. Branding of ICs - A standard branding of all ICs in the Network shall be done. The standard design would have Co-branding of the IC between APIS and the host Institute. The design shall be developed by APIS and shared with Institutes along with standard instructions to print and display. The cost incurred by the Institute for such branding would be reimbursed by APIS. The upper limit of such reimbursement would be communicated by APIS from time to time.
6. This Memorandum of Understanding will be valid for a period of 12 months from the date of signing.
7. The Parties agree that this Memorandum of Understanding is entered into by them with the spirit of mutual co-operation and understanding and does not vest any legally enforceable rights on either party.
8. Either party can seek exit from the MoU by giving the other party 2 months of notice period.
9. The Parties must maintain confidentiality concerning the existence and terms of this Memorandum of Understanding and no public announcement or communication relating to the negotiations of the Parties or the existence, subject matter or terms of this Memorandum of Understanding may be made or authorized by or on behalf of a Party without the prior written approval of the other Party except that a Party may make such disclosures in relation to this Memorandum of Understanding as it may in its absolute discretion think necessary to comply with any applicable Law or the requirements of any regulatory body.
10. This Memorandum of Understanding may be signed in any number of counterparts and all those counterparts together make one instrument.
11. This Memorandum of Understanding may be amended by mutual understanding in writing and duly executed by the Parties. A fresh MoU shall be entered into by both parties after including the said amendments.
12. This Memorandum of Understanding is governed by and is to be construed to be within the Jurisdiction of the Honorable High Court of Andhra Pradesh.



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In witness whereof, the Parties have set their respective hands and seals to these present through their duly authorized representatives on the date herein below written.

For Andhra Pradesh Innovation Society, Government of Andhra Pradesh	For ADITYA COLLEGE OF ENGINEERING, SURAMPALEM
	 
Name: Mr. R. Pavana Murthy, ITS	Name: Dr. A. Ramesh
Title: Chief Executive Officer, Andhra Pradesh Innovation Society, Andhra Pradesh	Title: Principal, Aditya College of Engineering, Surampalem
	PRINCIPAL Aditya College of Engineering SURAMPALEM-533 437


PRINCIPAL
Aditya College of Engineering
SURAMPALEM-533 437

ADITYA COLLEGE OF ENGINEERING

Approved by AICTE & Affiliated to JNTUK, Kakinada

Ph: [0884] 2326224, 99631 76662, Email: office@acoe.edu.in, Website: www.acoe.edu.in

Lr. No: ACE-129/MoUs/2019-20/742

Date: 02.12.2019

To
The Chief Executive Officer,
Andhra Pradesh Innovation Society,
INFO SIGHT 2nd Floor,
Survey No.78/2, Tadepalli,
Pathuru Junction
Guntur District, A.P.

Sir,

Sub: ACE - Surampalem - MoU between Andhra Pradesh Innovation Society and
Aditya College of Engineering, Surampalem - Forwarded - Reg.

** * * *

Please find enclosed the hard copy of the MoU between Andhra Pradesh
Innovation Society and Aditya College of Engineering, Surampalem, for your kind
approval. Scanned copy mailed to your Email ID: ceo_innov@ap.gov.in, srconsul-sin-
apis@ap.gov.in

Thanking you sir,

Yours sincerely,

Encl: MoU



PRINCIPAL

A handwritten signature in blue ink, appearing to be "M. S. Srinivas", written over the printed name and title of the Principal.
PRINCIPAL
Aditya College of Engineering
SURAMPALEM 533 437



Andhra Pradesh Innovation Society's



ARCHITECTURE SERIES

CERTIFICATE OF PARTICIPATION

This is to certify that

A. Swamy

Has Actively participated in Andhra Pradesh Innovation Society's Architecture Series Workshop from 14th June 2020 to 16th June 2020 conducted by AP Innovation Society Startup Centre, Tadapatri.

B. Sri Chandra

SIGNATURE

Kanya D

Director, AP Innovation Society



SIGNATURE

Prof. V. V. K. Kumar

(CEO, AP Innovation Society)

[Handwritten signature]

PRINCIPAL
Aditya College of Engineering
SURAMPAI P.O.-533 437



Andhra Pradesh Innovation Society's



ARCHITECTURE SERIES

CERTIFICATE OF PARTICIPATION

This is to certify that

M. Vinodh

Has actively participated in Andhra Pradesh Innovation Society's Architecture Series Workshop from 14th June 2020 to 18th June 2020 conducted by AP Innovation Society Startup Centre, Tadipatri.

B. Sri Dhanu

SIGNATURE

Kanya D

Director, AP Innovation Society Ltd



SIGNATURE

Prof. V Vith Kumar
(CEO AP Innovation Society)

[Handwritten signature]

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SURAMPALLEM-533 437



Suramvailem

PRINCIPAL
Aditya College of Engineering
SURAMVAILEM-533 437



Memorandum of Understanding

between

Aditya College of Engineering

and

Addis Ababa Science and Technology University

June 2019



A handwritten signature in blue ink is located in the lower left corner of the page.

Memorandum of Understanding between Aditya Group of Engineering Colleges and Addis Ababa Science and Technology University

Singularly referred to as "party" and collectively as "parties"

This Memorandum of Understanding (MoU) is made and entered into by and between the Aditya Group of Engineering Colleges, herein after referred to as "AGEC", and Addis Ababa Science and Technology University herein after referred to as "AASTU", concerning cooperation in research, education and community outreach programs services.

WHEREAS AGECE is a Self finance Group of Engineering Colleges established by Aditya Academy, a Non-Governmental Organization and has a mission of conducting research, coordinating research, human resource and research infrastructure capacity building and monitoring, and regulation of engineering related researches. All the Engineering Colleges under AGECE are approved by AICTE and Affiliated to JNTUK, Kakinada, India.


WHEREAS AASTU is a Public Higher Educational Institution established by proclamation, and has a mission of offering high quality education and training, conducting demand driven and problem solving research, and rendering consultancy and community services in order to contribute to the development endeavors of the Federal Democratic Republic of Ethiopia.

WHEREAS the parties have mutual interests in research, education and community outreach programs services ("areas of cooperation") and wish to increase the level of collaborative research and strengthen the cooperation between the two institutions especially within these areas of cooperation.

THEREFORE, the parties, having common goals and expressing their mutual desire to cooperate in the areas of cooperation, have agreed to formalize their relationship in accordance with the following articles


Tarekegn Berhanu Esho (Ph.D)
Vice President for Academic
Affairs




VICE CHAIRMAN
Aditya Educational Institutions




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Aditya College of Engineering
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ARTICLE 1: Exchange of Information

- 1.1. The parties will exchange information on the extent, scope and magnitude of their research and training programs in the areas of mutual interest.
- 1.2. The parties shall exchange information and knowledge in the areas of mutual interest in the form of newsletters, publications and other media.
- 1.3. Each party will invite the other to participate in scientific meetings, conferences, workshops and seminars of mutual interest that it holds and which are related to their common activities.
- 1.4. The parties will cooperate in organizing scientific conferences, workshops and specialized seminars in areas of mutual interest.

ARTICLE 2: Research

- 2.1. AGECE and AASTU will promote cooperation in research through consultations and joint trainings/studies/academic activities/ in areas of mutual interest, including but not limited to:
 - a) scientific collaboration in areas of mutual interest;
 - b) securing external research funds (establish joint research teams and prepare proposals for national and international funding);
 - c) joint research or/and development project activities;
 - d) participating in joint training and research programs and community service activities
 - e) Production of joint technologies, publications/authorship, other research outputs, and IPs

ARTICLE 3: Exchange of staff


- 3.1. AGECE and AASTU will promote cooperation in research and teaching through:
 - a) assisting and advising graduate & postdoctoral research students in common, as mutually agreed by the executing units of each party.
 - b) Joint / adjunct appointment of AGECE staff in AASTU to teach, assist and advise students as per the AASTU legislation as mutually agreed by the executing units and staff of each party.

ARTICLE 4: Common use of laboratory facilities

- 4.1. The laboratory facilities in the two institutions will be accessible to both parties based on approved plan of joint research project and training activities. However, units rendering service on payment basis may require fees.


Tarekegn Berhanu Esho (Ph.D)
Vice President for Academic
Affairs


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Aditya College of Engineering
SURAMPATEM 513 417


VICE CHAIRMAN
Aditya Educational Institutions



- 4.2. The laboratory consumables (chemicals and reagents) and labor costs will be covered by the working party as required.
- 4.3. There will be no bench fee required for laboratory based activities in mutually executed projects. This however will not include Units rendering service on payment basis

ARTICLE 5: Publication and intellectual property


- 5.1. Any patent right as a result of research works under this MoU shall be owned by AGECE and AASTU.
- 5.2. The involved researchers will share the benefits from the patent as per applicable national and institutional the rules and regulations.
- 5.3. Any form of communication or publication of any results will be made only after review and approval by the contributing parties and personnel and with appropriate recognition of all relevant contributions.

ARTICLE 6: Participation in similar activities


- 6.1. This MoU in no way restricts the parties from participating in similar activities with other public or private agencies, organizations, and individuals.

ARTICLE 7: Settlement of disputes

- 7.1. The parties enter into this agreement in a spirit of mutual trust and intend that all unforeseen matters on issues that arise, as the relationship evolves, will be resolved in a spirit of mutual understanding.
- 7.2. In the event of any difficulty of interpretation or application of this agreement, the parties shall make every endeavor to reach an amicable solution to their differences.
- 7.3. If the two parties are unable to reach agreements on any issue arising under or in respect of this MoU within 14 days, the parties shall refer the matter to their respective authorized signatories for an attempted resolution by good faith dialogue and negotiation.
- 7.4. The collaborating parties shall make a good faith effort to resolve any dispute or controversy through dialogue and negotiation and to accommodate the policies and intention of each other's respective institutes.
- 7.5. If good faith and effort to resolve disputes fail, legal option may be sought as a final resort of serious issues.


Tarekegn Bernamu Esho (Ph.D)
Vice President for Academic
Affairs


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Aditya College of Engineering
SURAM-ACEM-533 027


VICE CHAIRMAN
Aditya Educational Institutions



ARTICLE 8: Amendments

8.1. The terms of this framework agreement may be amended in part or in whole by common agreement in writing with the prior approval of the appropriate decision-making bodies of the parties.

ARTICLE 9: Validity of the Agreement

9.1. Duration of the Agreement will be five (5) years from the effective date, renewable by Agreement of the parties for the same or a different period.

9.2. The parties may cancel this framework Agreement at any time by written Agreement to the other party at least two (2) months in advance of the cancelation date, without giving rise to any claims or damages between the parties.

ARTICLE 10: Effective Date

10.1. This agreement shall be effective up on signature by all parties and remain in force until the completion of the MoU from the date of the signature.

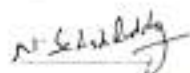
Signed on behalf of AGECE

Name

Sign

Date

Director



13/08/19

**VICE CHAIRMAN
Aditya Educational Institutions**



Signed on behalf of AASTU

Name

Sign

Date

President



15/07/19

**Tarekegn Berhanu Esho (Ph.D)
Vice President for Academic
Affairs**



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ADITYA COLLEGE OF ENGINEERING

Approved by AICTE - Affiliated to JNTUK & Accredited by NAAC
Recognized by UGC under Section 2(f) of UGC Act- 1956

Aditya Nagar, ADB Road, Surampalem - 533 437, E.G Dist., Ph. 99631 76662

Date: 16-11-2019

Department of Electrical and Electronics Engineering

EVENT REPORT

Title of the Workshop	:	A Three day workshop on "Engineering Exploration Project"
Resource Person	:	Dr Abebe Dinkue, Professor, Addis Ababa Science and Technology University, Addis Ababa, Ethiopia.
Dates of Workshop	:	13-11-2019 to 15-11-2019
No. of Participants	:	72

Workshop Report:

The Workshop has the objective of introducing the participants with engineering exploration on Ideas and how to convert the ideas in to projects and startups.

Following are the topics covered under workshop:

- Transforming idea(s) and knowledge into tangible form in order to achieve some objective.
- To enhance teamwork and interpersonal skills.
- To incorporate the ability to identify the need, convert it into an objective statement and come up with a solution.
- To understand and apply project management concepts.

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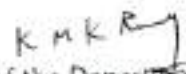
Overall Assessment : Good

Event Coordinator : Mr.D.Tata Rao

Associate professor.

Dept. of Electrical and Electronics engineering


Coordinator


Head of the Department


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K m k Reddy

hodeee@acoe.edu.in

Request to take a seminar

EEE HOD <hodeee@acoe.edu.in> Sat, Nov09, 2019 at 11:04 AM
To: <Dr. AbebeDinkue>

Dear Sir,

As per our Telephonic Conversation I sincerely request you to deliver lecture on "Engineering Exploration Project" which is to be scheduled from 13-11-2019 to 15-11-2019, which enables our students to enhance their levels of knowledge & will be benefited a lot. Hence, I request you to kindly give your acceptance through phone/email at the earliest possible which would help us to make necessary arrangements.

Regards,
K Manoz Kumar Reddy,
Associate Professor & Head of the Department,
Aditya College of Engineering,
Surampalem.

+91 - 7731829995.

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**A Three Day Workshop on
"Engineering Exploration Project"
13-15 Nov 2019**

REGISTRATION FORM

1. Name:
2. Designation:
3. Highest Qualification:
4. Specialization:
5. Department:
6. Institution:
7. Address for communication:
- Pin: Mobile:
- E-mail:
8. Experience (Number of years):
- Teaching: Industry:
9. DD No and date:

Signature (Participant) Signature (Head of the Institution)

Chief Patron

Sri. N. Susha Reddy,
Chairman,
Aditya Educational Group

Patron

Sri. N. Satish Reddy,
Vice-Chairman,
Aditya Educational Group

Chairman

Dr. A. Ramesh
Principal

Convener

Prof. K. M. K. Reddy
HOD, Dept of EEE

Co-Ordinators

Mr. D. Tata Rao
Associate Professor

Organizing Committee

Mr. Ch. U. P. Kumar Associate Professor
Mr. B. V. S. S. S. GOPAL Assoc. Professor
Mrs. K. Lakshmi
Asst. Professor

[Handwritten Signature]

**A Three day Workshop
on
"Engineering Exploration
Project"**

13-15 Nov 2019



Department of
Electrical & Electronics Engineering

ADITYA COLLEGE OF ENGINEERING
(Affiliated to JNTU-K, Kakinada and Approved by AICTE, New Delhi)
Aditya Nagar, ADB Road, Surampalem - 533 437

Phone: 08852-252243

Email: eee_hod@ace.edu.in



ADITYA COLLEGE OF ENGINEERING
TECHNOLOGY
CULTIVATING THE FUTURE

ABOUT ADITYA ACADEMY

ADITYA academy has made its entry into the educational arena in the year 1984. In succession and with rapid strides, the group established a number of Junior Colleges, Degree Colleges, PG Colleges, Engineering Colleges, Pharmacy Colleges, Nursing Colleges and Teacher Training Institutions. The silver-jubilee educational group with 50,000 students in 50 institutions with 5000 staff across three districts in Andhra Pradesh has become the standard bearer for quality education. In every stream, Aditya has become a spring board for success through its powered vision, constant innovation and professional excellence.

ABOUT ADITYA GROUP OF ENGINEERING COLLEGES

Aditya group of Engineering Colleges are situated in a serene, scenic, Wi-Fi enabled campus in Surampalem (between Kakinada and Rajahmundry in East Godavari District of Andhra Pradesh). Aditya Engineering Colleges are frontrunners in providing quality engineering education with a fair share of fun. The colleges have grown up to the extent of enrolling 7500 students, 500 faculties and 400 supporting staff. Apart from continuous improvement of quality in teaching, the colleges lay significant emphasis on excellence in Research & Development. Excellence is achieved through 'freedom with a purpose' and the purpose is overall development of all the people involved viz., students, faculty and staff.

ABOUT ADITYA COLLEGE OF ENGINEERING

Aditya college of Engineering (formerly Sri Aditya engineering college) was established in the year 2008. It is a top ranked institution in engineering education in terms of academics & placements. The college offers UG programs in EEE, ECE, ME, CSE & IT and PG programs in MCA, MBA, PE, PID, VLSI, CSE, CS & SE. The College has state of the art infrastructure, resource facilities, well furnished lecture halls, highly equipped labs, library & well furnished canteen.

ABOUT DEPARTMENT OF EEE

The Department of Electrical & Electronics Engineering in ACE comprises of experienced faculty who are actively involved in research besides teaching. The department aims at promoting quality and value-based education by harnessing the skills of students, creating awareness on the advancement on Electrical Engineering and preparing them for agile industry. The department offering UG & PG Programs

ABOUT WORKSHOP

The objective of the workshop is to facilitate Students and faculty members by introducing how to identify the community problem and its Stake holders and Examine required specifications and gap in existing and required product. This workshop focuses on Problem Identification, Specification development, Conceptual design and Project Management.

RESOURCE PERSONS

Experienced faculty members of Reputed Institutions and Universities will deliver the lectures

ELIGIBILITY

The course is open to faculty from AICTE approved Engineering colleges / Institutions and working professionals from Industries / R&D organizations with basic degree in relevant field of Electrical Engineering.

REGISTRATION

Faculty	Rs. 200/-
PG Students	Rs. 200/-
All others	Rs. 600/-

DD shall be drawn in favor of "Principal, Aditya College of Engineering" payable at Syndicate bank, Surampalem.

Duly filled up registration form as per the format given in the brochure along with the DD for registration fee may be sent to the Coordinator so as to reach on or before **12th NOVEMBER 2019.**

Address for Correspondance

Prof. K.M.K.Reddy,
EEE Department,
ACE, Surampalem, E.G. Dist. A.P-533437
Mobile No. 9640382333.



MEMORANDUM OF UNDERSTANDING (MoU)

Between

Aditya College of Engineering

Having its Campus at Aditya Nagar,

Surampalem, Peddapuram-533437, East-Godavari District, Andhra Pradesh, India

(First Party, hereinafter referred to as ACOE)

Represented by its Principal

AND

Novel Patent Services Private Limited (NPS)

Having its operational office at

HIG 421, Mansita, Above Punjab National Bank, Midhilapuri VUDA Colony, P.M.Palem,
Visakhapatnam-530041, Andhra Pradesh, India

(Second Party, hereinafter referred to as NPS)

Represented by its Managing Director




PRINCIPAL
Aditya College of Engineering
SURAMPALEM-533 437



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is made and entered into on this 03rd day of December, 2019

Between

Aditya College of Engineering (ACOE) is an established engineering college affiliated to Jawaharlal Nehru Technological University, Kakinada and also approved by All India Council for Technology Education (AICTE). It provides engineering education in various streams hereinafter referred to as "ACOE" which expression shall, where the context so admits, include its successors and permitted assigns, of the First Party.

And

Novel Patent Services Pvt. Ltd. (NPS) having its office at HIG 421, Mansita, Above Punjab National Bank, Midhilapuri VUDA Colony, P.M.Palem, Visakhapatnam - 530041, Andhra Pradesh, India is a top notch and the only fully established Intellectual Property Rights Academy offering a complete range of Intellectual Property Right education and outsourced services including high-end research and analytics services, hereinafter referred to as "NPS" which expression shall where the context so admits include its successors and permitted assigns, of the second party.

ACOE and NPS are hereinafter individually referred to as "Party" and collectively referred to as "Parties".

1. Preamble

1.1 Whereas, ACOE, primary responsibility is to facilitate engineering education that embraces research and development of several projects during the course. Whereas, NPS primarily focuses on educating peers on Intellectual Property Rights, developing IP strategy and providing a collaborative platform in between academia, industry and investors.

1.2 The Parties hereby express their willingness to establish and support an Intellectual Property Cell (IPR Cell) within the premises of ACOE.




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2. Scope of MoU

The two Parties have decided to enter into the Memorandum of Understanding to jointly work on the following activities:

2.1 ACOE

2.1.1 Shall establish and promote IPR Cell and its activities in the premises of the College of Engineering.

2.1.2 Shall provide an infra-structure i.e., a physical space with projector, all the required facilities for conducting training and mentoring sessions regularly in IPR cell.

2.1.3 Shall engage solely with NPS in any of the IP related requirements.

2.1.4 Shall connect any project, thesis or research works of ACOE to the IPR Cell, whereby all the workable projects can be adequately vetted by the Cell and be provided with the patentability opinions.

2.2 NPS

2.2.1 Shall be the IP partner for the ACOE.

2.2.2 Shall provide the adequate support like training, conducting workshops, preparing technical patent landscapes, providing patentability opinions to the ideas streaming in the IPR Cell on a regular need basis.

2.2.3 Shall be the teaching faculty for all the engineering students and the faculty at ACOE and promote IPR education within the campus of ACOE.

2.2.4 On a regular basis NPS conducts training, guiding & motivation on IPR by conducting physical classes once a quarter.

2.2.5 NPS shall provide any needed advice or guidance or clarification on IP related matters over any communication means in ordinary scenario.

3. Duration of MoU

The total time-frame of the engagement would be for a period of 5 years from the date of signing this MoU. The term of this MoU may be extended as may be mutually decided by the Parties.




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4. Financials

4.1 NPS shall be paid by ACOE on a project-to-project or task basis (e.g. Search, drafting & filing, IP Policy, etc.) on completion of the project or task.

4.2 In addition, travel allowance for any visits shall be paid to NPS as and when required during the execution of the duties according to the MOU by ACOE.

5. Intellectual Property Rights

The legal rights over scientific and technical outputs based on the data and report generated in any study mutually undertaken would vest with both the parties. The Patent and other intellectual rights pertaining to any part of the project shall vest with first Party.

6. Confidentiality

The terms of confidentiality would be in accordance with the NDA that is separately signed and executed between both the parties.


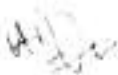
7. AMENDMENTS TO MoU

No amendment of any provision of this MoU or any Addendum shall be effective unless it is in writing and signed by authorized representatives of both Parties hereto.

8. TERMINATION OF MoU

This MoU may be terminated by either of the Parties forthwith if any other Party commits breach of any of the terms hereof and shall have failed to rectify such breach within sixty (60) days of the notice in this behalf having been served on it by the other Party.

IN WITNESS WHEREOF the Parties hereto have signed this MoU on the 03rd December 2019 mentioned hereinbefore.

Novel Patent Services Private Limited For Novel Patent Services Pvt. Ltd. By:  Managing Director Name: Hima Bindu A Designation: Managing Director	Aditya College of Engineering  By: PRINCIPAL Aditya College of Engineering Suram-Palem-533 437 Name: Dr A Ramesh Designation: Principal
---	--


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Aditya College of Engineering
SURAM-PALEM-533 437

Subject: Reg: Invention references.

Message

From: Annapurna Gandrety <annapumagandrety@gmail.com>
To: dshakeena@gmail.com

Thu, Mar 19, 2020 at 3:51 PM

----- Forwarded message -----

From: Dr. Ramachandra Murthy <murthy.kvs@acoe.edu.in>

Date: Tue, 3 Dec 2019, 8:42 am

Subject: Fwd: Reg: Invention references.

To: annapumagandrety@gmail.com <annapumagandrety@gmail.com>, B ANNAPURNA <annapurna_cse@acoe.edu.in>

View in Outlook for Android

From: S V A N Raju <raju.a@novelpatent.com>

Sent: Monday, December 2, 2019 6:07:58 PM

To: Dr. Ramachandra Murthy <murthy.kvs@acoe.edu.in>

Subject: Reg: Invention references.

Dear Sir,

Good evening,

As desired, we have attached references related to your invention.
Kindly find the enclosure and do the needful.

Please do get back for further process.

Thanks & Regards,

S. V. A. N Raju

Manager - Business Dev.

Novel Patent Services Private Limited (NPS).

HIG-421, MANSITA, Above Punjab National Bank,

Adilapuri VUDA Colony, Pothinamallayyapalem,

Isakhpattanam - 530 041, Andhra Pradesh, India.]

Ph: (0891) 2538757 / 741 600 7878 | Mob: 0996 665 1444

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📎 An Efficient Security Implementation with Power Cane for Visually Challenged-Report.docx
15K



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Aditya College of Engineering
SUKAPATALEM-533 437

Re: Fwd: COPY RIGHT

1 message

Dr.Ranjit P.S. <psranjit1234@gmail.com>
To: raja.s@novelpatent.com

31 January 2020 at 14:57

Dear Sir,

Regards,
Ramu

Dr. P.S. Ranjit

Ph.D. MEMBERS, RSCAS, D.V., M.T.E.,
M.Sc. in VLSI, M.T.E., M.T.E., M.T.E.,
Professor, Dept. of Mechanical Engg.,
Aditya College of Engineering,
Aditya Nagar, A.D.B Road, Surampalem - 533 437,
E.A. Dist. - Andhra Pradesh,
Mobile: +91 999 7 999 444.

On Fri, 31 Jan 2020 at 13:14, S V A N Raju <raja.s@novelpatent.com> wrote:
(Dear Sir,

Greetings for the day!!

As desired, we have attached copyright document for your kind perusal.
Please find the enclosure and do the needful.

Kindly let us know for further concerns.

Thanks & Regards,

S V A N Raju

Manager - Business Dev.
Novel Patent Services Private Limited (NPS)
Office: 10/25/17, Drive-Punjab National Bank,
Badrachalam, VUDA Colony, Putturamadeyyapalem,
Badrachalam - 530 045, Andhra Pradesh, India |
Tel: 08861 2538757 / 241 600 7878 | Mob: 0986 665 1444

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On 26 January 2020 at 21:11:55 +05:30, Dr.Ranjit P.S. <psranjit1234@gmail.com> wrote:

Dear Sir,

Requested to provide me the submitted final document.

Regards,
Ramu

Dr. P.S. Ranjit

Ph.D. MEMBERS, RSCAS, D.V., M.T.E.,
M.Sc. in VLSI, M.T.E., M.T.E., M.T.E.,
Professor, Dept. of Mechanical Engg.,
Aditya College of Engineering,
Aditya Nagar, A.D.B Road, Surampalem - 533 437,
E.A. Dist. - Andhra Pradesh,
Mobile: +91 999 7 999 444.

On Sat, 25 Jan 2020 at 16:29, S V A N Raju <raja.s@novelpatent.com> wrote:
(Dear Sir,

Greetings from Novel Patent Services Pvt Ltd!!!

As discussed, we have attached copyright application filing documents.
Kindly find the enclosures and do the needful.


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Aditya College of Engineering
SURAMPALEM-533 437

S. V. A. N. Raju
Manager - Business Dev.
Novel Patent Services Private Limited (NPS)
HIG-421, MANSITA, Above Punjab National Bank,
Mithalapur VUDA Colony, Putnamalayyapalem,
Visakhapatnam - 530 041, Andhra Pradesh, India
Tel: (0891) 2538757 | 741 600 7878 | Mob: 9886 665 1444
*****Disclaimer*****

The information contained in this electronic message is NPS Confidential and Proprietary information and is intended only for the use of the recipient(s) named above. If the reader of this message is not the intended recipient, he/she is hereby notified that any use, dissemination, distribution, or copying of this communication or any of its content is strictly prohibited. Please notify the sender at Novel Patent Servicesmailadmin@novelpatent.com immediately and destroy all copies of this message and any attachments.

On 2 January 2020 at 09:55:30 +05:30, Dr Ramesh S. <ramesh1234@gmail.com> wrote:

Dear Mr. Raju,

Greetings to the Dr.

Happy New Year.

Please send the word document (if the sketch). Further, attach the drawings and text (right of the material on the right).

Thanks & Regards,

Dr. Ramesh

On Sat, 28 Dec 2019 at 15:50, S. V. A. N. Raju <raju_a@novelpatent.com> wrote:

Dear Sir,

Greetings from Novel Patent Services Pvt Ltd!!!

As desired, we have attached Application form for Copyright registration. Kindly find the enclosure and send us the filled application form and also send us 2 copies of original work (including drawings).

Please do get back for further process.

Thanks & Regards,

S. V. A. N. Raju
Manager - Business Dev.
Novel Patent Services Private Limited (NPS)
HIG-421, MANSITA, Above Punjab National Bank,
Mithalapur VUDA Colony, Putnamalayyapalem,
Visakhapatnam - 530 041, Andhra Pradesh, India |
Tel: (0891) 2538757 | 741 600 7878 | Mob: 9886 665 1444
*****Disclaimer*****

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On 27 December 2019 at 16:34:30 +05:30, Murali <murali@novelpatent.com> wrote:

*****Disclaimer*****

The information contained in this electronic message is NPS Confidential and Proprietary information and is intended only for the use of the recipient(s) named above. If the reader of this message is not the intended recipient, he/she is hereby notified that any use, dissemination, distribution, or copying of this communication or any of its content is strictly prohibited. Please notify the sender at Novel Patent or Mailadmin@novelpatent.com immediately and destroy all copies of this message and any attachments.

Murali

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Aditya College of Engineering
SURAM ALEM-533 437

Forwarded message
From: Dr Ranjit P.S. <psranjit1234@gmail.com>
Date: 27 December 2019 at 12:31:10 +0530
Subject: COPY RIGHT
To: Murali <murali@novelpatent.com>

Dear Sir,

Greetings of the day!

Herewith sending the document for COPY RIGHT

Please do needful.

Thanks & Regards,
P.S. Ranjit

Dr. P.S. Ranjit
Ph.D. MEMech, BEd(A), DAE, MIE,
MBAENG, LMCIS, MBAE, LMISTE, CE
Professor- Dept. of Mechanical Engg.,
Aditya College of Engineering
Aditya Nagar, ADB Road, Surampalem - 533 437,
E.G. Dist., Andhra Pradesh.
Mobile +91 999 7 999 440



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Aditya College of Engineering
SURAMPALEM-533 437

An Efficient Security Implementation with Power Cane for Visually Challenged

Understanding:


The present invention discloses an efficient security implementation with power cane for visually challenged. In specific, the walking stick of the blind person provided with an ultrasonic sensor which estimates the obstacles and vibrates the stick if comes nearby any obstacle below the threshold limit. It has one LDR sensor based light sensing unit to detect whether the light is present in surrounding or not that helps the blind person to enter a sensitive area. The walking sticks acts as a stun gun which produces 2 KV in emergency condition for their protection using electric arc generator and power source. The limit when the vibration starts can be programmed in the microcontroller embedded in the blind stick. The ultrasonic sensor (HC-SR04), Atmega Microcontroller, electric arc generator, LDR, dry cell, and vibration motor are the major electronic components of the invention.

References:

1. An Efficient Security Implementation with Power Cane for Visually Challenged
2. SLIGHTLESS STICK WITH THE EYES: new concept
3. Smart Walking Stick for Visually Impaired People Using Ultrasonic Sensors and Arduino
4. Implementation and Design of Smart Blind Stick for Obstacle Detection and Navigation System

The features of our invention are matching with the found references.

Rating: LOW


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SURAMPALLEM-533 437



सं. 199
आंध्र प्रदेश
पं. 31/2/22
व. 31/2/22

आंध्र प्रदेश ANDHRA PRADESH

Aditya College of Engineering
Surampalem

CB 397373
KONTHALA ESWARA RAO
STAMP VENDER,
Licence No: 04-07-15-2011
R.L. No. 04-07-09-2020
PEDDAPURAM
Cell : 92473 81516

FORM 26

THE PATENTS ACT, 1970
(39 of 1970)

&

The Patents Rules, 2003

FORM FOR AUTHORISATION OF A PATENT AGENT/OR ANY PERSON IN A MATTER
OR PROCEEDING UNDER THE ACT
[See sections 127 and 132; and rule 135]

We, Aditya Engineering College, Aditya College of Engineering, Technology and Aditya College of Engineering, whose address is ADB Road, Aditya Nagar, Surampalem, East Godavari-533437, Andhra Pradesh, India, hereby authorize Mrs. Hima Bindu Atti, nationality Indian whose address is NOVEL PATENT SERVICES PRIVATE LIMITED, Plot # 47, Sai Priya Layout, Opp. IIM-Vizag Road, Gambheeram, Anandapuram, Visakhapatnam-531163, Andhra Pradesh, India, to act on our behalf in connection with the registration, prosecution, renewal and maintenance of invention "Method to Observe Fast Data Transmission Light Rays" and request that all notices, requisitions and communication relating thereto may be sent to such person at the above address unless otherwise specified. We hereby revoke all previous authorization, if any made, in respect of same matter or proceeding. We hereby assent to the action already taken by the said person in the above-matter.

Dated this 02nd day of February, 2022

For M/s. Novel Patent Services Pvt Ltd

Digitally Signed by

Hima Bindu Atti

Patent Agent

For Aditya College of Engineering

Dr. Ramesh Adireddy

To

The Controller of Patents,
The Patent Office, AI Chennai.



For Aditya Engineering College

Dr. M. Sreenivasa Reddy

For Aditya College of Engineering and Technology

Dr. A. Ramakrishna Rao

PRINCIPAL
Aditya College of Engineering
SURAMPALAM-533437

FORM 1

THE PATENTS ACT 1970 (19 of 1970) and

THE PATENTS RULES, 2003

APPLICATION FOR GRANT OF PATENT

(See section 7, 54 and 135 and sub-rule (1) of rule 20)

(FOR OFFICE USE ONLY)

Application No.

Filing date.

Amount of Fee paid.

CBR No.

Signature:

**1. APPLICANT'S REFERENCE /
IDENTIFICATION NO. (AS ALLOTTED BY
OFFICE)****2. TYPE OF APPLICATION [Please tick (✓) at the appropriate category]**Ordinary (☒)Convention (☐)PCT-NP (☐)Divisional Patent of
(☐) Addition (☐)Divisional
(☐)Patent of
Addition (☐)Divisional Patent of Addition (☐)
(☐)**3A. APPLICANT(S)**

Name in Full

Nationality

Country of
Residence

Address of the Applicant

Aditya Engineering College

INDIAN

INDIA

House No.

ADB Road

Street

Aditya Nagar, Surampalem

City

East Godavari

State

Andhra Pradesh

Country

India

Pin code

533437

Aditya College of
Engineering

INDIAN

INDIA

House No.

ADB Road

Street

Aditya Nagar, Surampalem

City

East Godavari

State

Andhra Pradesh

Country

India

Pin code

533437


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 Aditya College of Engineering
 SURAMPALAM - 533437

Aditya College of Engineering and Technology	INDIAN	INDIA	House No.	ADB Road
			Street	Aditya Nagar, Surampalem
			City	East Godavari
			State	Andhra Pradesh
			Country	India
			Pin code	533437

3B. CATEGORY OF APPLICANT [Please tick (✓) at the appropriate category]

Natural Person ()	Other than Natural Person			
	Small Entity ()	Startup ()	Others ()	Educational Institute (✓)

4. INVENTOR(S) [Please tick (✓) at the appropriate category]

Are all the inventor(s)	Yes ()	No (✓)
same as the applicant(s)		
Named above?		

If "No", furnish the details of the inventor(s)

Name in Full	Nationality	Country of Residence	Address of the Inventor	
Kodi Suma	INDIAN	INDIA	House No.	Assistant Professor
			Street	Aditya College of Engineering, ADB Road, Aditya Nagar, Surampalem
			City	East Godavari
			State	Andhra Pradesh
			Country	India
			Pin code	533437
Dr. Adireddy Ramesh	INDIAN	INDIA	House No.	Principal
			Street	Aditya College of Engineering, ADB Road, Aditya Nagar, Surampalem
			City	East Godavari
			State	Andhra Pradesh
			Country	India
			Pin code	533437


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 Aditya College of Engineering
 Tel-533 437

5. TITLE OF THE INVENTION

System and Method for Converting Audio Frequency Signal into Electromagnetic Spectrum

6. AUTHORISED REGISTERED PATENT AGENT(S)

IN/PA No. 933
Name Hema Bindu Atri
Mobile No. 91 9800111656

7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA

Name
1. Aditya Engineering College
2. Aditya College of Engineering
3. Aditya College of Engineering and Technology
Postal Address Novel Patent Services Pvt. Ltd.
Plot #47, Sri Priya Layout,
Opp. IIM-Vizag Road,
Gambheeram, Anandapuram,
Visakhapatnam-531163,
Andhra Pradesh, India.
Mobile No. 91 9800111656
E-mail ID ipr@novelpatent.com

8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION

Country	Application Number	Filing date	Name of the applicant	Title of the invention	IPC (as classified in the convention country)
---------	--------------------	-------------	-----------------------	------------------------	---

9. IN CASE OF PCT NATIONAL PHASE APPLICATION, PARTICULARS OF INTERNATIONAL APPLICATION FILED UNDER PATENT CO-OPERATION TREATY (PCT)

International application number	International filing date
----------------------------------	---------------------------

10. IN CASE OF DIVISIONAL APPLICATION FILED UNDER SECTION 16, PARTICULARS OF ORIGINAL (FIRST) APPLICATION*

Original (first) application No.	Date of filing of original (first) application
----------------------------------	--

11. IN CASE OF PATENT OF ADDITION FILED UNDER SECTION 54, PARTICULARS OF MAIN APPLICATION OR PATENT

Main application/patent No.	Date of filing of main application
-----------------------------	------------------------------------

12. DECLARATIONS


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Vizag-533 437

(i) Declaration by the inventor(s)

(In case the applicant is an assignee, the inventor(s) may sign herein below or the applicant may upload the assignment or enclose the assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period).

We, the above named inventors are our true & first inventor(s) for this invention and

Declare that the applicant herein are our assignee or legal representative

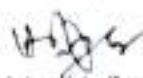
Date: 28.11.2022

(1) Signature



Name: Kadi Suma

(2) Signature



Name: Dr. Adireddy Ramesh

(ii) Declaration by the applicant(s) in the convention country

(In case the applicant in India is different than the applicant in the convention country: the applicant in the convention country may sign herein below or applicant in India may upload the assignment from the applicant in the convention country or enclose the said assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period)

We, the applicant(s) in the convention country declare that the applicant(s) herein is/are my/our assignee or legal representative.



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SURAMPALEM-533 437

(III) Declaration by the applicant(s)

I/We the applicant(s) hereby declare(s) that

- I am in possession of the above mentioned invention.
- The complete specification relating to the invention is filed with this application.

The invention as disclosed in the specification uses the biological material from India and the necessary permission from the competent authority shall be submitted by me/us before the grant of patent to me/us.

- There is no lawful ground of objection(s) to the grant of the Patent to me/us.
- I am the true & first inventor.
- I am the assignee or legal representative of true & first inventor.

The application or each of the applications, particulars of which are given in Paragraph-8, was the first application in convention country/countries in respect of my/our invention(s).

I/We claim the priority from the above mentioned application(s) filed in convention country/countries and state that no application for protection in respect of the invention had been made in a convention country before that date by me/us or by any person from which I/We derive the title.

My/our application in India is based on international application under Patent Cooperation Treaty (PCT) as mentioned in Paragraph-9.

The application is divided out of my /our application particulars of which is given in Paragraph-10 and pray that this application may be treated as deemed to have been filed on _____ under section 16 of the Act.

The said invention is an improvement in or modification of the invention particulars of which are given in Paragraph-11.

13. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION

(a) Form 2

Item	Details	Fee	Remarks
Complete/ provisional specification	No. of pages	09	
No. of Claims)	No. of claims and No. of pages	08 02	
Abstract	No. of pages	01	
No. of Drawing(s)	No. of drawings and No. of pages	02 01	

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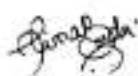
If in case of a complete specification, if the applicant desires to adopt the drawings filed with his provisional specification as the drawings or part of the drawings for the complete specification under rule 13(4), the number of such pages filed with the provisional specification are required to be mentioned here.

- (b) Complete specification (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies).
- (c) Sequence listing in electronic form
- (d) Drawings (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies).
- (e) Priority document(s) or a request to retrieve the priority document(s) from DAS (Digital Access Service) if the applicant had already requested the office at first filing to make the priority document(s) available to DAS.
- (f) Translation of priority document/Specification/International Search Report/International Preliminary Report on Patentability.
- (g) Statement and Undertaking on Form 3
- (h) Declaration of Inventorship on Form 5
- (i) Power of Authority

I/We hereby declare that to the best of my/our knowledge, information and belief the fact and matters stated herein are correct and I/We request that a patent may be granted to me/us for the said invention.

Dated this 28th day of November, 2022

Signature:



Name: Hima Bindu Atti

To:

The Controller of Patents

The Patent Office, at Chennai

Note: -

- * Repeat boxes in case of more than one entry.
- * To be signed by the applicant(s) or by authorized registered patent agent otherwise where mentioned.
- * Ticks (✓) or cross (x) whichever is applicable/not applicable in declaration in paragraph-12.
- * Name of the inventor and applicant should be given in full, family name in the beginning.
- * Strike out the portion which is/are not applicable.
- * For fee: See First Schedule*;



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Aditya Chellam of Engineering

SITE: TELM-533 437



ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

ఆదిత్య ఇంజనీరింగ్ కాలేజ్ ADITYA ACADEMY KARINADA

14.11.2022

DB 832472
Wsatgavath

14.11.2022
14.11.2022
14.11.2022

FORM 26
THE PATENTS ACT, 1970
(39 of 1970)

&
The Patents Rules, 2003

FORM FOR AUTHORISATION OF A PATENT AGENT/ OR ANY PERSON IN A MATTER
OR PROCEEDING UNDER THE ACT
[See sections 127 and 132; and rule 135]

We Aditya Engineering College, Aditya College of Engineering, and Aditya College of Engineering and Technology whose address is ADB Road Aditya Nagar Surampalem, East Godavari-533437, Andhra Pradesh, India, hereby authorize Mrs. Hima Bindu Atti & Mr. Murali Krishna Pattabhi, nationality Indian whose address is NOVEL PATENT SERVICES PRIVATE LIMITED, Plot # 47, Sai Priya Layout, Opp. IIM-Vizag Road, Gambheeram Anandapuram, Visakhapatnam-531163, Andhra Pradesh, India, to act on our behalf in connection with the registration, prosecution, renewal and maintenance of invention "System and Method for Converting Audio-Frequency Signal into Electromagnetic spectrum" and Request that all notices, requisitions and communication relating thereto may be sent to such person at the above address unless otherwise specified. We hereby revoke all previous authorization, if any Made in respect of same matter or proceeding. We hereby assent to the action already taken by the said person in the above-matter.

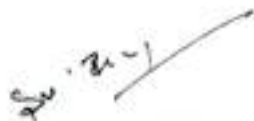
Dated this 28th day of November 2022


PRINCIPAL
Aditya College of Engineering
Surampalem, East Godavari-533437

For M/s. Novel Patent Services Pvt Ltd
Digitally Signed by

Hima Bindu Atti
Patent Agent IN/PA #3925

For Aditya Engineering College



Dr. M. Sravan Reddy
PRINCIPAL
Principal
ADITYA ENGINEERING COLLEGE
SURAMPALEM - 533 437

For Aditya College of Engineering and Technology



Dr. Dola Srinivas
PRINCIPAL
Principal
Aditya College of Engineering & Technology
SURAMPALEM

For Aditya College of Engineering



Dr. Adireddy Ramesh
Principal
PRINCIPAL
Aditya College of Engineering
SURAMPALEM - 533 437

To

The Controller of Patents,
The Patent Office, At Chennai



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Aditya College of Engineering
SURAMPALEM-533 437

*FORM 1 THE PATENTS ACT 1970 (39 of 1970) and THE PATENTS RULES, 2003 APPLICATION FOR GRANT OF PATENT (See section 7, 54 and 135 and sub-rule (1) of rule 20)				(FOR OFFICE USE ONLY)	
				Application	
				Filing date: 02/2022	
				Amount	
				CBR No:	
				Signature:	
1. APPLICANT'S REFERENCE / IDENTIFICATION NO. (AS ALLOTTED BY OFFICE)					
2. TYPE OF APPLICATION [Please tick (✓) at the appropriate category]					
Ordinary (✓)		Convention ()		PCT-NP ()	
Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()
3A. APPLICANT(S)					
Name in Full		Nationality	Country of Residence	Address of the Applicant	
Aditya Engineering College		INDIAN	INDIA	House No.	ADB Road
				Street	Aditya Nagar, Surampalem
				City	East Godavari
				State	Andhra Pradesh
				Country	India
				Pin code	533437
Aditya College of Engineering		INDIAN	INDIA	House No.	ADB Road
				Street	Aditya Nagar, Surampalem
				City	East Godavari
				State	Andhra Pradesh
				Country	India
				Pin code	533437






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 Aditya College of Engineering
 SURAMPALAM-533 437

Aditya College of Engineering and Technology	INDIAN	INDIA	House No.	ADB Road
			Street	Aditya Nagar, Surampalem
			City	East Godavari
			State	Andhra Pradesh
			Country	India
			Pin code	533437
3B. CATEGORY OF APPLICANT (Please tick (✓) at the appropriate category)				
Natural Person ()		Other than Natural Person		
		Small Entity ()	Startup ()	Others () Educational Institutions (✓)
4. INVENTOR(S) (Please tick (✓) at the appropriate category)				
Are all the inventor(s)		Yes ()		No (✓)
same as the applicant(s) named above?				
If "No", furnish the details of the inventor(s)				
Name in Full	Nationality	Country of Residence	Address of the Inventor	
Kodi Suma	INDIAN	INDIA	House No.	Assistant Professor
			Street	Aditya College of Engineering, ADB Road, Aditya Nagar, Surampalem
			City	East Godavari
			State	Andhra Pradesh
			Country	India
			Pin code	533437
Dr. Adireddy Ramesh	INDIAN	INDIA	House No.	Principal
			Street	Aditya College of Engineering, ADB Road, Aditya Nagar, Surampalem
			City	East Godavari
			State	Andhra Pradesh
			Country	India
			Pin code	533437


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 Aditya College of Engineering
 SURAMPALM-533 437

V V V Ramana	INDIAN	INDIA	House No.	Lab Technician	
			Street	Aditya College of Engineering, ADB Road, Aditya Nagar, Surampalem	
			City	East Godavari	
			State	Andhra Pradesh	
			Country	India	
			Pin code	533437	
5. TITLE OF THE INVENTION					
Method to Observe Fast Data Transmission Light Rays					
6. AUTHORISED REGISTERED PATENT AGENT(S)		IN/PA	3925		
		Name	Hima Bindu Atti		
		Mobile	+91 9000111656		
7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA		Name	1. Aditya Engineering College 2. Aditya College of Engineering 3. Aditya College of Engineering and Technology		
		Postal Address	Novel Patent Services Pvt.Ltd., Plot # 47, Sai Priya Layout, Opp. IIM- Vizag Road, Gambheeram, Anandapuram, Visakhapatnam-531163 Andhra Pradesh, India.		
		Telephon			
		Mobile	+91 9000111656		
		Fax No.			
		E-mail ID	hima@novelpatent.com		
		8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION			
Country	Application Number	Filing date	Name of the applicant	T i	IPC (as classified in the convention country)
9. IN CASE OF PCT NATIONAL PHASE APPLICATION, PARTICULARS OF INTERNATIONAL APPLICATION FILED UNDER PATENT CO-OPERATION TREATY (PCT)					
International application number			International filing date		
10. IN CASE OF DIVISIONAL APPLICATION FILED UNDER SECTION 16, PARTICULARS OF ORIGINAL (FIRST) APPLICATION					


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 Aditya College of Engineering
 SURAMPALEM-533437

Original (first) application No.	Date of filing of original (first) application
11. IN CASE OF PATENT OF ADDITION FILED UNDER SECTION 54, PARTICULARS OF MAIN APPLICATION OR PATENT	
Main application/patent No.	Date of filing of main application
12. DECLARATIONS	
<p>(i) Declaration by the inventor(s)</p> <p>(In case the applicant is an assignee: the inventor(s) may sign herein below or the applicant may upload the assignment or enclose the assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period).</p> <p>We, the above named inventors are our true & first inventor(s) for this Invention and declare that the applicant herein are our assignee or legal representative.</p> <p>Date: 02-02-2022</p> <p>(1) Signature:  Name: Kodi Suma</p> <p>(2) Signature:  Name: Dr. Adireddy Ramesh</p> <p>(3) Signature:  Name: V V V. Ramana</p>	
<p>(ii) Declaration by the applicant(s) in the convention country</p> <p>(In case the applicant in India is different than the applicant in the convention country: the applicant in the convention country may sign herein below or applicant in India may upload the assignment from the applicant in the convention country or enclose the said assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period)</p> <p>We, the applicant(s) in the convention country declare that the applicant(s) herein is/are my/our assignee or legal representative.</p>	



PRINCIPAL
Aditya College of Engineering
SURAMPHEM-533 427

(iii) Declaration by the applicant(s)

I/We the applicant(s) hereby declare(s) that: -

- ☒ I am in possession of the above-mentioned invention.
- ☒ The complete specification relating to the invention is filed with this application.
- ☐ The invention as disclosed in the specification uses the biological material from India and the necessary permission from the competent authority shall be submitted by me/us before the grant of patent to me/us.
- ☒ There is no lawful ground of objection(s) to the grant of the Patent to me/us.
- ☒ I am the true & first inventor.
- ☒ I am the assignee or legal representative of true & first inventor.
- ☐ The application or each of the applications, particulars of which are given in Paragraph-8, was the first application in convention country/countries in respect of my/our invention(s).
- ☐ I/We claim the priority from the above mentioned application(s) filed in convention country/countries and state that no application for protection in respect of the invention had been made in a convention country before that date by me/us or by any person from which I/We derive the title.
- ☐ My/our application in India is based on international application under Patent Cooperation Treaty (PCT) as mentioned in Paragraph-9.
- ☐ The application is divided out of my /our application particulars of which is given in Paragraph-10 and pray that this application may be treated as deemed to have been filed on DD/MM/YYYY under section 16 of the Act.
- ☐ The said invention is an improvement in or modification of the invention particulars of which are given in Paragraph-11.

13. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION

(a) Form 2

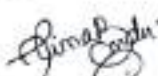
Item	Details	Fee	Remarks
Complete/ provisional specification)#	No. of pages 10	/	
No. of Claim(s)	No. of claims and 07 No. of pages 02		
Abstract	No. of pages 01		
No. of Drawing(s)	No. of drawings and 02 No. of pages 02		


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Aditya College of Engineering
Sikar, Rajasthan-335001

In case of a complete specification, if the applicant desires to adopt the drawings filed with his provisional specification as the drawings or part of the drawings for the complete specification under rule 13(4), the number of such pages filed with the provisional specification are required to be mentioned here.

- (b) Complete specification (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies).
- (c) Sequence listing in electronic form
- (d) Drawings (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies).
- (e) Priority document(s) or a request to retrieve the priority document(s) from DAS (Digital Access Service) if the applicant had already requested the office of first filing to make the priority document(s) available to DAS.
- (f) Translation of priority document/Specification/International Search Report/International Preliminary Report on Patentability.
- (g) Statement and Undertaking on Form 3
- (h) Declaration of Inventorship on Form 5
- (i) Power of Authority

I/We hereby declare that to the best of my/our knowledge, information and belief the fact and matters slated herein are correct and I/We request that a patent may be granted to me/us for the said invention.

Signature:  Dated this 02nd day of February, 2022

Name: Hima Bindu Atti

To,
The Controller of Patents
The Patent Office, at Chennai

Note: -

- * Repeat boxes in case of more than one entry.
- * To be signed by the applicant(s) or by authorized registered patent agent otherwise where mentioned.
- * Tick (✓)/cross (x) whichever is applicable/not applicable in declaration in paragraph-12.
- * Name of the inventor and applicant should be given in full, family name in the beginning.
- * Strike out the portion which is/are not applicable.
- * For fee: See First Schedule";



Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

(<http://ipindia.nic.in/index.htm>)



(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202241008278
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/02/2022
APPLICANT NAME	1. Aditya Engineering College 2. Aditya College of Engineering and Technology 3. Aditya College of Engineering
TITLE OF INVENTION	Method to Observe Fast Data Transmission Light Rays
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	hima@novelpatent.com
ADDITIONAL-EMAIL (As Per Record)	murali@novelpatent.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	04/03/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)


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STATEMENT OF WORK

The Statement of Work (SoW) is entered on **23rd September 2019** between **Amphisoft Technologies Private Limited** bearing CIN (U72200TZ2009PTC015148) and having its Registered Office at No 123 to 127 Kallath Street, Gandhipuram, Coimbatore - 641 037, Tamil Nadu, India and **Aditya College of Engineering**, Andhra Pradesh

Effective Date: 23rd September 2019

Duration of Agreement: 1 year

INTRODUCTION/BACKGROUND

Amphisoft Technologies Private Limited is a product based Company, established in 2009 under the laws of Companies Act 1956, which is into developing powerful software engines entrusting core automation. It provides different services rendered towards recruitment, staffing, training, hire-train-deploy and platform as a service etc.

Terms & Conditions:

This SoW is for collaboration between both the parties, for mutual benefit to enhance the quality of the educational experience and student's technical skilling.

This SoW shall be valid for 1 year from the date of signing and each party shall be at full liberty to renew/discuss the tenure of the agreement at the end of 1 year depending on the need & quality of knowledge imparted to college & the quality as perceived by the recipients.

Both parties shall take all reasonable steps to ensure the successful completion of the collaboration and co-operate with each other in duly carrying out the obligations agreed upon.

Aditya College of Engineering shall provide all the necessary facilities including infrastructure, network and Internet access for continuous learning.

Amphisoft shall provide Aditya College of Engineering with adequate intellectual contents, handouts, audio, emails, information brochures and posters on a regular basis to create awareness about the engagement. Aditya College of Engineering shall return any returnable materials to Amphisoft on the termination or expiry of this SoW, or when requested.

Model for Students:

Students will be trained with the following course:

1. Problem solving and programming in Advanced C, Data structures and Algorithms
2. Problem Solving and Programming in Java and SQL
3. Problem Solving, Data Structures and Algorithms through Python + SQL

Assignments will be conducted on regular basis.



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Section 1 - Program and batch details

College Name	Aditya College of Engineering
College Address	College Platform services
Program Duration	1 Year
Course and Passing out year of students	B.E/B.Tech CSE/ECE-2021
Semester of Study of students	5th Semester
Total No of students	88

- Any request for change in training dates needs to be communicated **Amphisoft Technologies** atleast 7 working days in advance
- In case mentioned 7 working days in advance, **Amphisoft Technologies** is not automatically liable to deliver the services on the revised dates. **Amphisoft Technologies** will reconfirm the possibility of service delivery based on availability of trainers, ease of trainers' travel and accommodation and other constraints.
- Once the SoW is signed, our Accounts Manager (AM) from **Amphisoft Technologies** will be in touch with you to plan finer details of logistics. Details of the Accounts Manager (AM) are:
 - Name - Dr. S. Kalpana Shanmugam
 - Designation - Accounts Manager
 - Mobile Number - 91 97866 94242
 - Email ID - kalpana@amphisoft.co.in

DECLARATION: I have read and understood Section 1 - Program and batch details and I agree to the same

Dr. A. Ramesh

(Principal - Aditya College of Engineering)

PRINCIPAL

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Mrs. Punitha T

Managing Director - Amphisoft

Signature of Principal

PRINCIPAL

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Section 2 - Billing Terms and Conditions

Duration of Program	1 Year
Price per Student	Rs. 1500/-
Staff	18%
Gross Price per Student (inclusive of taxes)	Rs. 1770/-
Net price per student for whom materials will be sent (as per attached batch list)	Online - no material to be sent
No. of Students to be billed	Number of students who attend at least one session of the training program
Total Contract Value	Rs. 1,55,760
Additional Students	NA
Contract Validity is 1 Year from commencement of program	

NOTE: Mr Keerthi Prabhu K, Finance Manager, Amphisoft Technologies will be in touch with the college SPOC for invoicing and payments. SPOC details are:

Amphisoft Technologies Finance Manager Details:

- Name - Mr. Keerthi Prabhu K
- Designation - Finance Manager
- Mobile No - +91 98655 84245
- Email - accounts@amphisoft.in

Aditya College of Engineering Administrative Officer Details:

- Name - Mr Devu Adinarayana
- Designation - Manager Accounts
- Mobile No - 9705276663
- Email - accounts@acc.edu.in

DECLARATION: I have read and understood Section 2- Billing Terms and Conditions and I agree to the same

Dr. A. Ramesh

(Principal - Aditya College of Engineering)

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Mrs. Punitha T

(Managing Director - Amphisoft)

Handwritten signature in green ink.

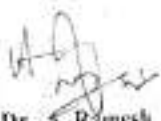
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Section 3 - Payment Schedule - Terms & Conditions

Amount Payable	Rs.1,55,760	
Payment Schedule	NA	
Last date for payment of advance amount (failing which the raising will not be delivered)	Before 30 th September 2019	
Maximum Credit Period for Balance Payment	Approx. 15 days from the date of invoicing	
Last Date for Balance Payment	NA	
Mode of Payment	By Cheque or DD, favoring Amphisoftware Technologies Private Limited.	
	OR	
	By NEFT / RTGS Transfer to:	
	Account Holder Name	Amphisoftware Technologies Private Limited
	Account No	001605010704
	Bank Name	ICICI
	Branch Name	Trichy Road, Coimbatore, TamilNadu.
	IFSC Code	ICIC000016
NOTE: Cash payments will not be accepted		

DECLARATION: I have read and understood Section 3- Payment Schedule - Terms and Conditions and I agree to the same. I also agree that disputes if any are subject to jurisdiction of Coimbatore courts only.


Dr. A. Ramesh
 (Principal - Aditya College of Engineering)
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Mrs. Punitha T
 (Managing Director - Amphisoftware)


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ENTIRETY OF AGREEMENT AND ACCEPTANCE

This Statement of Work and any amendments hereto, together with the Agreement, constitute the entire agreement and understanding between Amphisoft and the Aditya College of Engineering with respect to the subject matter hereof, and supersede all previous agreements, proposals, understandings, negotiations and discussions, whether oral or written, between the parties with respect thereto.

This Statement of Work may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. To the extent there is any conflict between the terms of this Statement of Work and the terms of the Agreement, the terms of the Agreement shall govern and prevail unless expressly stated otherwise in this Statement of Work.

Aditya College of Engineering

By: 

Name: Dr. A. Ramesh

Title: Principal

Date: 30/10/2018



Amphisoft Technologies

By: 

Name: Purnima (Director)

Title: Managing Director

Date:





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----- Forwarded message -----

From: **Amphisoft Technologies** <punitha@amphisoft.in>

Date: 01 Nov 2019, 5:45 PM

Subject: Request for Providing Workshop on Machine learning and Data science with Python programming

To: ADITYA HOD_CSE <hod_cse@acoe.edu.in>

Dear Sir/ Ma'am,

Greetings from Amphisoft Technologies

We have received your request regrading Python programme. I would like to inform you that we can provide the Workshop programme on Tuesday 5 November 2019.

Thanks & Regards

Amphisoft Technologies

From: ADITYA HOD_CSE <hod_cse@acoe.edu.in >

Sent: 31, oct, 2019, 01:25 PM

To: **Amphisoft Technologies** <punitha@amphisoft.in>

Subject: Request for Providing Workshop on Machine learning and Data science with Python programming

On thu 31, oct, 2019 at 1:25 PM ADITYA HOD_CSE <hod_cse@acoe.edu.in > wrote:

Respected Madam,

On behalf of Aditya College of Engineering, Computer Science and Engineering, I would like to request you to provide a Workshop on Python Programming for our students. We wish to conduct this Workshop program in the month of November. Therefore, please provide any date in November so that we may conduct our Workshop program. Kindly do the needful for which I shall be very much thankful to you.

Thank you.

Dr. P S V V S RAVI KUMAR

Head of the Department

Department of Computer Science and Engineering

Aditya College of Engineering

Surampalem

Mail: hod_cse@acoe.edu.in

<https://outlook.office.com/mail/id/AAQkAGI2MmiwOTQhfgtyud25sf.djktroe:kgYzUINDA2Zi1hMjdmLTl1NTY2ZWY0M2U0MAAQANseI7fllcdkjghthL23TK5o%3D>


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ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Permanently Affiliated to JNTUK & Accredited by NAAC
Recognized by UGC under Sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533 437, E.G.Dist., Ph: 99631 76662.

Department Computer Science of Engineering

A Report on

One day workshop on "Machine learning and Data science with Python programming"

Course overview:

The workshop covered with advanced topics like machine learning and data science with python programming. The students got benefited by the workshop and learned the concepts of machine learning and data science with python programming.

Resource Person:

Mrs.Punitha,
Managing Director,
Amphisoft Technologies,
Coimbatore, Tamil Nadu.

Schedule of Course:

Venue: Seminar Hall, Ramanujan Bhavan, Aditya College of Engineering

Dates: 5th November 2019

Duration: 1 day

Timing: 09:30 A.M to 4:30 P.M

Target Audience:

Students of IV year I semester B.Tech (CSE)

Department of CSE organized one day workshop on Machine learning and Data science with Python programming during 5th November 2019 with the permission from Principal. For this Lectures Mrs.Punitha Managing Director, Amphisoft Technologies, Coimbatore, Tamil Nadu was invited as visiting resource person. Students of IV year I semester B.Tech (CSE) students attended these lectures. During this day, the speaker explained the concepts of machine learning and Data science with Python programming.

Head of the Department


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06-11-2019

To

Mrs.Punitha,

Managing Director,

Amphisoft Technologies,

Coimbatore, Tamil Nadu.

Sub: Letter of appreciation for giving Workshop on Machine learning and Data science with Python programming –Reg.

Madam,

Excellence is the hall mark of Aditya College of Engineering, which will deliver professional manpower to the industry and the nation at large. We at ADITYA are producing engineers who will create a New World! We constantly strive to provide the best of the faculty members and the state-of-the-art facilities to students.

It's our immense pleasure to convey our appreciation to Mrs.Punitha, Managing Director Amphisoft Technologies for taking such a wonderful Lectures on "**Machine learning and Data science with Python programming**" for our students. We truly thank for your skills in talking about different angles of the subject with different case studies was highly appreciated. Thanks again for a truly memorable presence. We hope to get a chance to conduct such Lectures from you in future also.

Yours sincerely,


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03-11-2019

To
Dr. G.S.N Murthy
Head of the Department,
Department of Computer science and Engineering,
Aditya College of Engineering,
Surampalem.

Dear Sir,

Sub: Acceptance for conducting Workshop on "Machine learning and Data science with Python programming" -Reg

This is to accept your request for conducting Workshop on "Machine learning and Data science with Python programming" for IV year I B.Tech students on dates 5th November 2019 granted. I will send instructions to our administration officer to provide required facilities.

Principal

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Copy to:

Administrative Offices

Accounts Department

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Department of Computer Science of Engineering

02-11-2019,
Surampalem.

To
The Principal,
Aditya College of Engineering,
Aditya Nagar, ADB Road,
Surampalem.

Sir,

Sub: Request for approval to conduct workshop for IV year I semester B.Tech (CSE) Students by the visiting faculty Mrs.Punitha, "Machine learning and Data science with Python programming"- Reg

This is to bring to your kind notice that, we would like to organize expert lectures by Mrs.Punitha, Managing Director, Amphisoft Technologies. "Machine learning and Data science with Python programming" for IV year I Semester B.Tech (CSE) students. The lectures are schedule on **05th November 2019** number of lecture hours are Seven. The estimated budgets for conducting lectures are mentioned below. Hence, we request you to please sanction the same.

S.No	Item	Amount in Rs.
1	Honorarium for Resource person	10,000
Total Amount		10,000

We request you to sanction an amount of Rs.10,000/- (Ten thousand rupees only) for conducting of the lectures.

Thanking you Sir,

Head of the Department


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Department Computer Science and Engineering

Workshop on Machine learning and Data science with Python programming

SCHEDULE

Date	Content
05.11.2019	Python code implementation for various classification techniques including K-Nearest neighbors (KNN), decision trees, and regression trees
05.11.2019	Python functionality and features used for data science

Coordinator
(HOD, CSE)

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Department of Computer Science of Engineering

06-11-2019

Surampalem

To:

The Principal

Aditya College of Engineering,

Surampalem

Respected Sir

Sub: Expenditure statement of the workshop conducted on Machine learning and Data science with Python programming - Reg

This is to bring to your kind notice that the Department of Computer Science of Engineering has successfully conducted Workshop for IV year I semester B Tech (CSE) students for the course **Machine learning and Data science with Python programming** on the following dates: **05th November 2019**.

The following is the expenditure incurred

S.No	Item	Amount in rupees
1	Travel (by train)	2000
2	Honorarium	5,000
3	Accommodation	2,000
4	Tea & Snacks, Lunch	1000
Total Amount		10,000

Thanking You Sir

HOD/CSE


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SURAMPALAM 533437

TESSOLVE SEMICONDUCTOR TEST ENGINEERING LAB FOR STE-SDC COURSE

ADITYA COLLEGE OF ENGINEERING
MASTER INWARD

Inward No. 2747

Date 06/03/19

Received From

Signature

Training Partner Agreement Between Tessolve & Aditya College of Engineering

June 24, 2019

Tessolve Semiconductor Pvt Ltd

Plot No. 31 (P2), Electronic City Phase II

Bangalore 560100, India

T: +91 80 4181 2626

F: +91 80 4120 2626

W: www.tessolve.com

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SAP-2020-Aditya 533,434

About Applied Digital Microsystems

Founded in 1987, ADM products include Semiconductor ATE Trainers, USB Analyzers, Logic Analyzers, Pattern Generators, Universal In-Circuit Emulators, Compilers / Debuggers / Assemblers. ADM continues to provide advanced, skill oriented and affordable Embedded Semiconductor design and test engineering tools for both Industry and Education.

About Tessolve Semiconductor

Tessolve, an ISO 9001:2015 certified company, is one of the world's leading Semiconductor Engineering solutions provider. Tessolve offers engineering expertise in the areas of Semiconductor IC Design, Test & Product Engineering, PCB Design, Failure Analysis and Systems Design under one roof. Tessolve's goal is to be an extended arm of Semiconductor product companies and enable them to ensure good quality productization of their chips in a cost effective manner.

Since its inception in 2004, Tessolve has grown from strength to strength. Tessolve currently has over 1000 employees with offices in Bangalore, Coimbatore, Bhubaneswar, Vizag, Singapore, Malaysia, USA (Santa Clara & Dallas). Tessolve engineers have executed complex projects for several leading semiconductor companies.


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 Sec-10, Gurgaon, Haryana-122001

Background

Semiconductor devices today integrate a wide range of components of an electronic system (computation engine, memory, logic, power management, mixed signal blocks etc.) into a single multifunctional device. There is incredible convergence between handheld, automotive, and home electronics technologies. The semiconductor Industry is also levered strongly to the growth prospects of Internet of Things and Big Data. The SoC market is expected to grow from \$500 billion in 2015 to over \$1.5 trillion in 2019.

Testing a chip is a critical step in the design cycle for semiconductor IC companies. Today's chip testing involves high cost equipment and experienced engineers. The Indian market is also now moving towards making our own physical chip, which will require testing, characterization and qualification in India. Not only the big chip makers but also Indian origin design houses and IP providers will need testing of their devices to contribute to the upcoming chip manufacturing in India.

Semiconductor Automated Test Equipment (ATEs) are used for testing memory, digital, mixed signal, power management and SoC components, both at the wafer level and package level stages.

Engineering graduates, who comprise two-thirds of the entire workforce, form a major part of the Semiconductor testing industry. **The industry goes through six months to a year for the Engineering graduates from college to become deployable and industry ready.** There is a continuous shortage and high demand for qualified test engineers every year. Meanwhile, university and engineering institutions lack the specialized ATE training skills, as they cannot afford the financial outlay for high cost Semiconductor Test Equipment required for such training.

Tessolve & ADM have overcome this academia problem by providing a novel concept of owning a low cost Digital Test Trainer – **LGLiteATE** by the Institution (referred as Training Partner). To understand the electronics and device test theory, LGLiteATE is the ideal training vehicle to learn and develop the talent and skillset for the Semiconductor Engineering industry.

Tessolve Semiconductor is offering **Semiconductor Test Engineering - Skill Development Course [STE-SDC] certification course** that will be offered to the Training Partner's teaching faculty so that they can train their students at their campus. The rationale behind this STE-SDC Certification approach is to introduce the students as soon as possible to real world test program development so that they can bridge the gap between academic learning and job-oriented skill set required in the industry in a shorter duration.

Tessolve & ADM will continue to work with Indian academia to support skill-oriented training in field of semiconductor test and measurement.


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Training Partner Agreement

This Agreement, effective 24th June, 2019, is between Tessolve Semiconductor Pvt Ltd, having an office at Plot No. 31 (P2), Electronic City Phase II, Bangalore 560100 and **Aditya College of Engineering**, having an office at **Kakinada**.

The **Aditya College of Engineering, Kakinada** henceforth known as the "Training Partner" hereby agrees to participate in setting up a Tessolve Semiconductor Test Engineering Lab and offer the STE-SDC course for final year engineering graduates, subject to the following guidelines.

1. Objective

The objective of TSTE Lab is to offer **STE-SDC** Course to ECE/EEF/IE undergraduate students.

2. Term

The term of this Agreement shall be for Two (2) Years commencing on 24th June, 2019, renewable by the parties with mutual consent.

3. Terms & Conditions for setting up the TSTE Lab and conducting the STE-SDC course

- a) Tessolve selects the Training Partner based on factors like qualification of the training staff, location and capabilities to handle the training.
- b) ADM & Tessolve will train the Trainers once the qualified college signs the Training Partner Agreement.
- c) Tessolve will recommend the batch size depending on the infrastructure provided by the Training Partner. Multiple batches can be conducted in case of large enrolment.
- d) Tessolve will provide the course content to be used by the Training Partner.
- e) The Training Partner will be responsible for enrolment of the candidates and getting a batch approved from Tessolve before start of the training.
- f) Training Partner will be responsible for conducting the training and coordination with Tessolve for the assignments.
- g) Tessolve will carry out periodic visits to the TSTE Lab for assessments during the STE-SDC training.



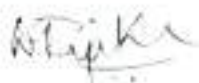
Principal
Aditya College of Engineering
SURAMPALEM-533 437

- h) Training Partner will maintain day-wise attendance record for the batch and provide it to Tessolve during the assessments.
- i) The STE-SDC Certification course can be offered full time or part time.
- j) The Training Partner will conduct STE-SDC examination at the end of the course.
- k) Training Partner will **promote training in Semiconductor Test Engineering** to their own students and can also promote it to other nearby Engineering Colleges.
- l) All candidates, upon successfully qualifying Tessolve's examination, will be provided STE-SDC Certification. They will also become **eligible to appear for Technical interview directly at Tessolve** without having to go through a written test selection that is normally required during Tessolve's recruitment process.
- m) Training Partner **is allowed to charge** a nominal fee from students.
- n) Tessolve shall participate in delivering Technical Lectures on Semiconductor Test Engineering Topics by delegates from the industry.
- o) Students hired by other organizations will not be eligible for STE-SDC Training.
- p) Based on Tessolve's hiring requirement from time-to-time, Tessolve should be given the highest priority to hire the required number of students who have qualified from the STE-SDC Training batch.
- q) Tessolve Semiconductor Test Engineering Lab includes STE-SDC courseware and ADM's IGLite.ATE, Universal Load board, test scripts and laboratory materials. After successfully obtaining the STE-SDC Certification by Tessolve, the engineer will be able to demonstrate Proficiency in Test Methodologies like test program development and troubleshooting skills for digital ICs.
- r) Tessolve holds the right to withdraw the permission to setup/operate the TSTE Lab at any time if the Training Partner fails to comply with the above guidelines.

4. Other Engagements

The Training Partner agrees that they would conduct trainings with this objective only under the association with Tessolve. During the validity of this Partner Agreement and even after the validity is over, in case the Training Partner intends to associate with any other organization for conducting a similar training, they should first seek a written permission from Tessolve before making any plan.

5. Termination



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 SURAMPALAM-533 437

Either party, upon giving not less than thirty (30) days written notice, may terminate this Agreement. The thirty (30) day termination period shall not begin until the other party has received or is deemed to have received the notice of termination.

6. Entire Agreement

This agreement constitutes the entire agreement and final understanding of the parties with respect to the subject matter hereof and supersedes and terminates all prior and/or contemporaneous understandings and/or discussions between the parties, whether written or verbal, express or implied, relating in any way to the subject matter hereof. This Agreement may not be altered, amended, modified or otherwise changed in any way except by a written agreement, signed by both parties.

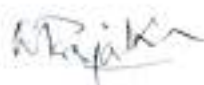
7. Confidentiality

Training Partner agrees at all times during the term this Agreement and after the termination of this Agreement to hold in strictest confidence, and not to use, or to disclose, transfer or reveal, directly or indirectly to any person or entity any Confidential information without the prior written authorization of the other party. Confidential Information includes, but not limited to, Training Material, Manuals, Circuit diagrams, Presentation PPTs, names of investors, buyers, sellers, borrowers, client lists, financial information and trade secrets about the products and information or other proprietary information relating to designs, formulas, developmental or experimental work, know how, products processes, computer programs, source codes, databases, designs, schematics, or other original works of authorship.

Each party hereby agrees that all information provided by the other party and will be treated as confidential and the receiving party shall not make any use of such information other than with respect to this Agreement. If the Agreement shall be terminated, each party shall return to the other all such confidential information in their possession, or will certify to the other party that all of such confidential information that has not been returned has been destroyed.

8. Assignment

This Agreement is valid only for the Training Partner who have signed with Tessolve, and is not transferable or sub-contractible to any other third person or entity.




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IN WITNESS WHEREOF, M/s. Tessolve Semiconductor Pvt. Ltd. and the Training Partner have entered into this agreement and agree to the above terms in their entirety

For Tessolve Semiconductor Pvt. Ltd.



Mr. Rajakumar D

Vice President - Operations

For **Aditya College of Engineering.**



Dr. A Ramesh

Principal

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Aditya Nagar, ADB Road, Surampalem - 533 437, E.G. Dist. Ph: 99531 76662

Date: 08-03-2022.

From
The Head of the Department,
Electronics & Communication Engineering,
Aditya College of Engineering,
Surampalem.

To
The Principal,
Aditya College of Engineering,
Aditya Nagar,
Surampalem.

Sub: Permission for Internship to III B.Tech Student - Regarding.

Respected Sir,

The III B.Tech Electronics & Communication Engineering student are interested to do the internship in TESSOLVE, Bangalore from 14.03.2022 to 14.03.2023. I assure you that internship in TESSOLVE, Bangalore provides practical knowledge in the real-time environment. So I am requesting you to kindly permit to do an internship. The student details are given below for your kind perusal.

Thanking you.

Yours faithfully,

(Dr. G. Rama Krishna)

Head of the Department

Electronics & Communication Engineering

PRINCIPAL
Aditya College of Engineering
SURAMPALAM-533 437

ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Permanently Affiliated to JNTUK & Accredited by NAAC

Recognized by UGC under section 2(f) of UGC Act 1956

Ph: (0884) 2326224, 99631 76662, Email: office@acoe.edu.in, Website: www.acoe.edu.in

Date: 08-03-2022.

From
Dr.Rama Krishna,
Head of the Department of ECE
Email: hodece@acoe.edu.in Mob : 9701293003

To
TESSOLVE,
Bangalore

Dear Sir,

SUB: - REQUEST FOR INTERNSHIP - REGARDING

Aditya College of Engineering is one of the reputed Engineering Colleges in Andhra Pradesh. The College was established in the Academic Year 2008-09 and consistently maintaining a commendable record of students' academic performance since its inception.

The College management wishes to send students of Electronics & Communication Engineering for Internships to various reputed Companies/Organizations like yours. If you permit them to do the internship, the students will get benefited from industrial orientation in addition to academics.

In this connection, we wish to send the following student of III B.Tech Electronics & Communication Engineering for Internship.

S.NO	REG. NO	STUDENT NAME
1	18MH1A0435	P. Raja

We request you to provide Internship for our student's for a period of 1 year as per your convenient schedule during 14.03.2022 to 14.03.2023.

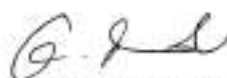
We will be highly obliged if you please drop a letter of confirmation at the earliest.

Thanking you,



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Aditya College of Engineering
SURABHAPALEM-533 437

Yours faithfully,



(Dr.G. Rama Krishna)
Head of the Department
Electronics & Communication Engineering



ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Affiliated to JNTUK, Kakinada

Recognized by UGC under Section 2(f) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533 437, E.G. Dist., Ph: 99631 76662

LIST OF STUDENTS

S.NO	REG. NO	STUDENT NAME
1	18MH1A0435	P. Raja

(Dr. G. Rama Krishna)

Head of the Department

Electronics & Communication Engineering

PRINCIPAL

Aditya College of Engineering
SURAMPALEM-533 437

8th March 2022

Raja Pabbu,

Dear Raja Pabbu,

With reference to your application and the subsequent interview you had with us, we are pleased to appoint you as "Test Engineer 1" as per the terms and conditions given below:

1. You are required to undergo Technical Training beginning with six months Internship at a stipend of Rs. 10000 (Rupees Ten Thousand Only). The salary and other emoluments and benefits, as per Annexure, will be applicable upon successful completion of Technical Training. The internship start date is 14th March 2022
2. The details pertaining to your appointment letter and salary are strictly confidential between you and the company and you should not discuss these details with anyone within or outside the company, except your Senior Manager or the HR in-charge.
3. You shall be on probation for a period of six months with effect from your date of joining with the company. Should your work be found satisfactory at the end of the period of probation, your appointment will be confirmed in writing. Unless so confirmed in writing, you shall continue to be on probation. The probation period is extendable at the sole discretion of the management.
4. From the date of joining, you will abide by the Provident Fund, Medical and LTA and Leave Rules, as applicable to you.
5. During the probationary period and after confirmation, your service will be terminable at the discretion of the company on giving ninety days of notice or on payment of ninety days pay in lieu of such notice. If you wish to resign from the services of the company during probation period and after confirmation, you will do so by giving ninety days prior notice.
6. During the period of your employment with the company you shall not secure or try to secure any other employment, whether full time or part time, or engage in any commercial business or pursuit on your own account or as an agent for others. During your employment with the company, you shall not undertake any course or study without getting permission from the management.
7. During the period of your employment with the company you may be required to work on customer projects. If you were to resign from the services of the company, you shall not work for the same customer or customer's customer (for the projects handled within last one year) either directly as an employee/contractor or through another organization, for a period of six months from your separation from the company.
8. You agree not to solicit any employee of Tessolve either directly or indirectly for employment with other firms. Employee also agrees not to assist any other person or firm in identifying or

hiring Tessolve employee. This restriction will be in force for at least 12 months from date of relieving and any violation will lead to legal action with demand for compensation and a penalty of INR 10 Lakhs.

9. You shall not at any time, without the consent of the company, disclose, divulge or make public, except under legal obligation, by word of mouth or otherwise, details of manufacturing processes, technical know-how, security arrangements, administration, accounts of any other dealings of the company known to you in the course of your service or otherwise.
10. You shall abide by the Rules and Regulations of the company which are in force and / or which may be framed from time to time.
11. You shall be responsible for the safekeeping and return in good condition and order of all the company's property, which may be in your use, custody or charge.
12. You will work under the supervision of such officers, as may be decided by the company from time to time. You shall diligently and faithfully carry out instructions given to you to the best of your power, skill and ability in the best interests of the company.
13. You are required to maintain yourself in a state of medical/physical, mental fitness and ensure annual medical checkups. Any neglect on your part in this regard may render your service liable for termination with immediate effect.
14. If at any time in the opinion of the company, which shall be final, you become insolvent or are found guilty of dishonesty, disobedience, misappropriation, theft, fraud, disorderly behavior, negligence, indiscipline, absence from duty without permission, violation of any company policies or of any other conduct considered by the company as detrimental to its interests or of violation of one or more terms of this appointment, you would either be subject to strict disciplinary action or your services may be terminated without notice, based on the severity of the violation.
15. You are liable to be transferred to any place of business of the organization whether existing or acquired later on or from any one department to another or from one job to another as the management may consider it necessary in its discretion, from time to time without detriment to your status or emoluments.
16. You shall keep the company informed of any change in your residential address or any civil status.
17. The retirement age as per the company's policy is 60 years

18. Your initial place of posting will be at **Bangalore**.
19. At the time of joining, you are requested to produce the original certificates in proof of (a) age, (b) Qualification, (c) Relieving Order from the present employer, if applicable (or) copy of your resignation letter to the previous employer.
20. In case your written acceptance of this offer is not received within 30 days of issue, this offer will be treated as withdrawn and cancelled, without any further reference to you.
21. In case you do not report for duty within 10 days of the joining date indicated by you in the duplicate copy of the letter, the offer will be treated as withdrawn and canceled, without any further reference to you.
22. Please sign and return the duplicate copy of this letter enclosed as a token of your acceptance of the above mentioned terms and conditions and indicate your date of joining the company.
23. You are expected to work with Tessolve for a minimum period of three years from the date of joining. In accordance to this requirement, you are required to sign a Service agreement confirming your commitment for a minimum period of 3 years (Three Years) with Tessolve.

We welcome you to Tessolve family and look forward to a long, successful and mutually beneficial association.

With Best Wishes

FOR TESSOLVE SEMICONDUCTOR PVT LTD



Thirumalesh Babu
Director - HR & Operations

I have read, understood and accept the above-mentioned terms and conditions and I will join duty on 14-03-2022, Monday

Signature: P. Raja

Date: 11-03-2021



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Annexure - Emoluments & Benefits

Name: **Raja Pabhu**
 Designation: **Test Engineer I**
 Location: **Bangalore**
 WEF: **1st March 2022**

Grade: **T7-B**
 Job Category: **Technical**

Salary	Cost to Company In Indian Rupees	
	Per Month	Per Annum
Basic	13000.00	156000.00
HRA @ 50% of Basic	6500.00	78000.00
LTA	1083.00	12996.00
Flexible Benefit Plan	10950.00	131400.00
Total (A) #	31533.00	378396.00
Company Contribution Provident Fund	1800.00	21600.00
Total Gross Pay (B)	33333.00	400000.00
Gratuity *	625.30	7503.60
Health & Personal Accident Insurance *	500.00	6000.00
Total Cost To Company	34458.30	413500.00

FOR TESSOLVE SEMICONDUCTOR PVT LTD



Thirumalesh Babu
 Director HR & Operations



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Other Benefits

Aditya College of Engineering

SURAMMALEM-533 437

- 1) (*) As per prevailing company policy
- 2) (#) From Total A Component, Employee Contribution of PF, PT and TDS as applicable will be deducted

Non-disclosure and Non-compete Agreement

This Non-disclosure and Non-compete agreement is made effective as of 14th March 2022 by and between M/s. Tessolve Semiconductor Pvt. Ltd. ("The Company") and Raja Pabbu ("The Employee").

The Employee and the Company has entered into an agreement providing for the Company's Employment of Employee (the "Employment Agreement") and deem it in their respective interests to enter into an agreement providing the obligation of non-disclosure and non-compete for the Employee.

In consideration of the mutual promises and agreements contained herein, and for other good and valuable consideration, the receipt of which is hereby acknowledged, the parties hereto agree as follows.

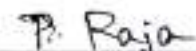
At all times while this agreement is in force and after its expiration or termination, the Employee agrees to use his / her best efforts to abide by the non-disclosure and non-compete terms of this agreement mentioned below.


- a) The Employee agrees to refrain from disclosing the Company's customer lists, patents, trademarks, trade secrets, or other confidential material, and to take reasonable security measures to prevent accidental disclosure and industrial espionage.
- b) In case of separation from the Company, the Employee agrees to not join the same customer or customer's customer (for the projects handled within last one year), either directly as an employee/contractor or through another organization, at least for a period of six months after separation from the Company.
- c) In case of separation from the Company, the Employee agrees to not use the research done in the course of work done for the Company, at least for a period of six months after separation from the Company.
- d) In case of violation of any of the above are proven or admitted, the Employee agrees to pay a sum of Rupees two lakhs as liquidated damages to the Company, and will also be liable for further prosecution by the Company.

IN WITNESS WHEREOF, M/s. Tessolve Semiconductor Pvt. Ltd. and the Employee have signed this agreement.



[For M/s. Tessolve Semiconductor Pvt. Ltd.]
Date:


Raja Pabbu
Date: 11-03-2022


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