

K S R Institute for Engineering and Technology

Tiruchengode, Namakkal (Dt), Tamil Nadu
(Approved by AICTE New Delhi & Affiliated to Anna University Chennai)
BE (CSE, EEE, ECE, Mech) & B.Tech (IT) Programmes are Accredited by NBA

3.5.2 Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during last five years

INDEX

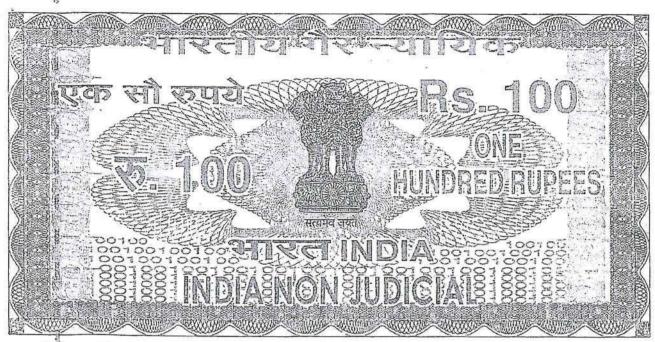
Academic Year	No. of functional MOU
2019 – 2020	14
2018 – 2019	8
2017 – 2018	6
2016 – 2017	6
2015 – 2016	4

3.5.2 Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the Academic Year 2019-2020

Name of the institution/ industry/ corporate house with whom MoU is signed	Year of signing MoU	Duration	List of activities under each MOU	Page No.
e-co	4 – 81			
Augusta Hitech Soft Solutions Pvt Ltd., Block A1, 2nd Floor, Span Vetnruers IT SEZ Embassy Techzone, Pollachi main road, Coimbatore, Tamilnadu - 641 021	2019	2 Years	Internship	82
Virtusa Consulting Services Pvt. Ltd.,,No. 115 Nanakramguda Village, Serilingampally Mandal, Ranga Reddy Disrtict, Hydrabad - 500 032	2018	3 Years	Internship	83 – 84
Redhat India Pvt. Ltd.,		1 Year	Faculty Training	85 – 86
A-201, 2nd Floor, Supreme Business Park , Hiranandani Gardens,Powai, Mumbai- 400 076	2019		Value Added Course on Redhat Linux Certification for System Administration	87 – 100
Aspire Systems, 1/D-1, SIPCOT IT Park, Siruseri, Tamilnadu - 603 103	2019	2 Years	Placement Offers	101 - 107
ABC Infomedia No.32, Vinayagar Kovil St, Karungalpalayam, Tamil Nadu 638003	2019	2 Years	Internship	108 – 109
Krishtec, 286, Thadagam road, Coimbatore-641013	2020	3 Years	4 Weeks AICTE STTP on Long Range(LoRa) Wide Area Network : A Futuristic Approach	110 – 115

ABE Semiconductor Designs, Hotel Saravanabhavan, 16/B-3 Sundrabans complex, First Avenue, Ashok Nagar, Basement, Chennai	2019	5 Years	Seminar on Trends and Developments of Intellectual Property Rights	116 – 131
T-PEP Innovation,108,First Floor, Bharathiar Road, Aiswarya Avenue, Ganapathy, Coimbatore - 641006, Tamil Nadu,India	2020	3 Years	Inplant Training - Embedded systems-VLSI	132 – 136
Enthu Technology Solution India Pvt. Ltd.,#88 & 89, SSN Square, Peelamedu Pudhur,Near RTO Office South,Coimbatore 641004,Tamil Nadu TN,India	2017	3 Years	Inplant Training - Embedded systems	137
AVATAR Academy, Near Karnataka Bank, No.: 3, Buddhar Street, Teacher's Colony, Erode, Tamil Nadu, India - 638 011	2016	5 Years	Value Added Course on Networking Course on CCNA	138 – 142
United Manufacturing India, No.	2019	3 Years	Inplant Training/Internship	143 – 165
516/228 D, Annapuram, Junction Main Road, Five Road, Salem –			Collaborative Research	166 – 168
636004			Industry Supported Projects	169 – 171
SMW Hydraulics, India,Selambagoundapalayam Thottipalayam ,Bhavani, Erode - 638 102	2019	3 Years	Consultancy Work	172 – 178
	2019	3 Years	Placement Offers	179
United CADD Solution Pvt 516/228D Junction Main Road, Five Roads, Annapuram, Salem, Tamil Nadu 636004. Ltd.,			Internship	180 – 185
			Project Support	186 – 192
			Value Added Course - Computer Numerical Control	193 – 201
			Value Added Course - Non Destructive Test	202 - 207

Augusta Hitech Soft Solutions Pv Ltd



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Memorandum of Understanding for Establishing a Centre of Technology Excellence at K.S.R Educational Institutions

This Memorandum of Understanding (MoU) is entered into on 21st August 2019 by and between K.S.R Educational Institutions (herein after referred to as KSREI), located at Kalvi Nagar (Near Erode), Tiruchengode, Namakkal, Tamil Nadu 637 215 and AUGUSTA HITECH SOFT SOLUTIONS PVT LTD, a company incorporated under the Companies Act, 1956, and having its registered office at Block A1, 2nd Floor, Span Ventures IT SEZ Embassy Techzone, Pollachi Main Rd, Eachanari, Coimbatore, Tamil Nadu 641021 (herein referred to as AUGUSTA).

1.1 BENEFITS TO AUGUSTA

- 1.1.1 Pool of students conversant with latest in technology in the IT industry like Blockchain, Python, .NET Full Stack and other IT related technologies.
- 1.1.2 Opportunity for AUGUSTA to nurture and acquire the top talent of KSREI.

2. RELATIONSHIP BETWEEN PARTIES

- 2.0 The relationship between the parties shall be that of a mutually benefiting academic relation and shall not be commercial in nature.
- 2.1 Neither KSREI nor AUGUSTA will be constructed as an agent or legal representative or binding business partner of the other. Neither of them is or shall be an employee or franchisee of the other.
- 2.2 The duration of the MOU shall be for a period of 2 years from the effective date.
- 2.3 The MOU may be extended by mutual agreement of AUGUSTA and KSREI.

3. GENERAL

- 3.0 AUGUSTA will conduct the training on Python for the shortlisted candidates (Shortlisting to be done KSREI) of KSREI final year students of the B.E. CSE, B.E. ECE and B.E EEE branches, during the month of May every year. Augusta will conduct the recruitment process immediately after the training. The selected students (if any) shortlisted by AUGUSTA will be trained on the technology/topics as required by AUGUSTA in their premises.
- 3.1 The remaining candidates will undergo training in Blockchain and .NET Full Stack as and when needed by AUGUSTA. These trainings will also be conducted by AUGUSTA.
- 3.2 The content for the training of the shortlisted students will be provided by AUGUSTA. Students identified by AUGUSTA will undergo paid internship at AUGUSTA based on the availability for a time duration that will be mutually agreed to by KSREI and AUGUSTA.
- 3.3 The candidates shortlisted for this programme from the Institution will be given training on Python by the Industry experts and the entire cost of the training will be borne by the Institution. Candidates clearing interview process will be given training through industry experts and the entire cost of the training will be borne by Augusta.

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The scope of the MoU, the roles and responsibilities of the parties of the MoU are given below.

OBJECTIVE

The objective of this MoU is to outline the arrangement between KSREI and AUGUSTA in which KSREI shall establish a Centre of Technology Excellence on KSREI campus, in line with inputs and guidelines from AUGUSTA which shall mainly focus on innovating technologies, latest technical developments in the Information Technology field.

More specifically, the objectives of this MoU are as enumerated as below

- The Centre of Technology Excellence shall host Technology Development projects involving Faculty and Students in the areas of Blockchain, Python, .NET Full Stack and other IT related Technologies.
- Help AUGUSTA to nurture and acquire the top talents of KSREI every year or as and when necessary.

1. BENEFITS TO THE PARTIES

By establishing the Centre of Technology Excellence, the parties will work to achieve the following benefits:

1.0 BENEFIT FOR KSREI

- 1.0.1 Industry support for the efforts of KSREI in emerging as the integrated centre of technology excellence through the faculty and students working with AUGUSTA experts in Blockchain, Python, .NET Full Stack and other IT related Technologies.
- 1.0.2 KSREI being the influencer of high quality education and engineering knowledge among the nationally credited technology schools driven by AUGUSTA technology and expertise.
- 1.0.3 Opportunity for the faculty and students to experience the advanced technology developments as it happens in the industry by participating in special projects and product enhancement programs.
- 1.0.4 Opportunity for the students of KSREI to secure career of their choice in the leading organizations in the Information Technology Industry.

3.4 Students will also be given opportunities to do their project at AUGUSTA based on availability of internal project guide / supervisor / Project at AUGUSTA's.

IN WITNESS WHEREOF, the parties to this MoU have affixed their signatures on the day, month and year stated above.

Signed by, for and on behalf of K.S.R Educational Institutions

Signed by, for and on behalf of AUGUSTA Hi-Tech Soft Solutions Pvt.Ltd.

Authorized Signatory

Name:

Title:

Authorized Signatory

Name: RAMIESH ICHAR. S

Title: VP

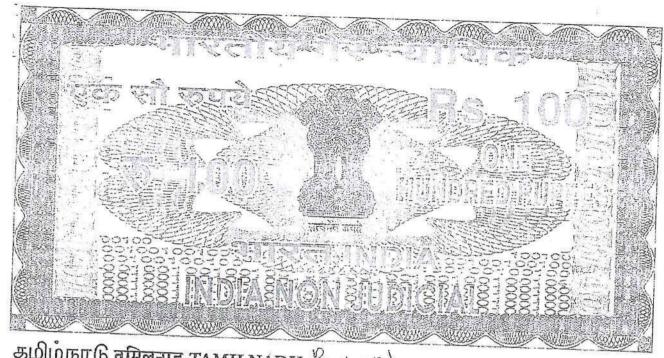
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Date:

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K.S. Rangasamy college of

Technology.

M. தவட்டட்டி M. சஞந்தலா முத்திரைத்தாள் விற்பனையா உரிமம் எள்:17/2008/NMK திருச்செங்கோடு. தமிழ்நா

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ('MoU') is executed on January 15, 2018, at Hyderabad BY AND BETWEEN

VIRTUSA CONSULTING SERVICES PRIVATE LIMITED, a Company incorporated under the provisions of Companies Act, 1956 and having its registered office at Sy. No.115, Nanakramguda Village, Serilingampally Mandal, Ranga Reddy District, Hyderabad - 500032 represented by its authorized signatory, hereinafter referred to as 'Virtusa' on the ONE PART (which expression whenever used shall mean and include its successors, administrators and assigns),

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AND

K.S.R. EDUCATIONAL INSTITUTIONS, declared as a INSTITUTION and having its campus at KSR Kalvi Nagar, Tiruchengode - 637215, Namakkal (DT), Tamil Nadu represented by its

authorized signatory Mr.R.Srinivasan.

Hereinaster referred to as 'Institution' on the OTHER PART (which expression whenever used

shall mean and include its successors, administrators and assigns).

(Virtusa and Institution are individually referred to as 'Party' and collectively referred to as

'Parties').

WHEREAS Virtusa is a global information technology services company and provides IT and

business consulting, application support and maintenance, development, systems Integration and

managed services to its customers.

AND WHEREAS Institution is a Education entity and providing quality education in Engineering,

Arts and Science, Technical, Dental science and etc., for the rural students.

Institution has evolved a comprehensive student-centric learning approach consisting of several

stages, designed to add significant values to the learner's understanding in an integrated manner,

covering relevant knowledge, practical skills and positive attitudes.

AND WHEREAS Institution, for the purpose of enriching practical skills and imparting industry

relevant course curriculum to students of all engineering disciplines in the field of Information

Technology (IT), has approached Virtusa for forging an industry-institute academic alliance with

the intent to facilitate and train Institution's students and faculty on CRM by utilizing Virtusa's

relevant experience and by deputing Virtusa's representatives from time to time at the Institution

with the object of providing exposure to Institution's faculty and students to current industrial

needs and requirements.

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K.S.R.Educational Institutions

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AND WHEREAS Virtusa, with a bona fide and non-commercial intention of serving the purpose of education and making the students more exposed to the present industrial needs and requirements thereby reducing the cost and time involved in training and making them skill based personnel after graduation, has accepted the request of Institution.

Accordingly, the Parties have decided to reduce into writing their mutual representations and understanding as stated hereunder:

NOW THIS MOU WITNESSETH AS FOLLOWS:

Pursuant to the foregoing covenants, the Parties hereby agree and state as follows;

1. That the Parties on this day have executed this MOU with an intention to enhance the quality of the educational experience for students and training of faculty of Institution and also for industry institute collaboration between the Parties for mutual benefit and pursuant thereto the Parties agreed for:

- (a) Virtusa may as mutually agreed from time to time, provide Institution with certain material and access to the CRM library and collaterals and Institution shall use the materials and access to the CRM library under the guidance of Virtusa and only for the purposes of this MOU.
- (b) If requested by Virtusa, the Institution will nominate two or three faculty members for undergoing the Train the Trainer program at Virtusa's office at Hyderabad for two weeks. The faculty, after completion of certification, will be allowed to train certain number of students as agreed upon in writing from time to time.
- (c) The final year students to be trained will be pre-selected by Virtusa (hereinafter referred to as the 'Pre-selected students'.
- (d) The course will be imparted for the duration specified by Virtusa as an additional training program. This program will be run during the pre-final semester of the graduation course being offered by Institution for the Pre-selected students.

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- (e) Institution is not allowed to charge the Pre-selected students any fee for this course. If it is found that Institution has charged fees for this program from students, Virtusa will have right to immediately terminate this MoU and stop all association with the Institution.
- (f) Institution is not allowed to train any other students pursuant to this MoU other than the Pre-selected students by Virtusa.
- (g) Virtusa shall retain the right of first refusal for making employment offers on completion of their graduation from the pool of Pre-selected students. This is however not applied for the students who are not pre-selected by Virtusa or have not been made part of the training program pursuant to this MoU.
- (h) Pre-selected students who undergo this program as part of their pre-final semester may also be given an internship opportunity by Virtusa either in its office or through virtual mode.
- (i) Institution will at its own cost establish a lab with the specified infrastructure requirements of Virtusa and will use the lab exclusively for imparting the course/training pursuant to this MoU. This lab will be exclusive to the use of the purpose stated and will not be used for running other courses of the Institution.
- 2. The MoU shall be valid for one (1) year from the date of execution. The Parties shall be at full liberty to terminate the MoU at any time by issuing prior notice of thirty (30) days. The Parties shall make reasonable efforts for the performance of the MoU and shall in good faith co-operate with each other in duly performing the obligation agreed upon. The Parties herein have agreed to perform various obligations with a voluntary service motive and there is no monetary obligation/consideration involved herein between the Parties. Under no circumstances, Virtusa shall be treated as the vendor, contractor and agent of Institution (or viceversa).
- 3. Institution shall have to bear all expenses towards providing infrastructure, network and internet access and the other facilities required for the education and training. Institution will not use the material, or access to the Adobe AEM library for any other use other than the above mentioned process. Training of the faculty members or more number of students than agreed or using licenses for any other commercial/non-commercial purposes will be a breach of this MoU and such use may attract legal action along with immediate termination of the MOU. 4. The Institution shall indemnify, defend and hold Virtusa, its subsidiaries and affiliates thereof and their respective officers, directors, agents and employees, harmless

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from and against all claims, damages, liabilities, costs, losses and expenses, including reasonable attorneys' fees and expenses incurred, related to or arising from: (i) bodily injury or damage to property incurred from or in connection with the performance of Institution under this MoU; (ii) any claim by or against Virtusa arising out of a breach by the Institution of any obligations (including, without limitation, any warranty, confidentiality, intellectual property, assignment obligations) under this Agreement; (iii) the infringement, misappropriation or a claim of infringement or misappropriation of any patent, copyright, trademark or other proprietary or intellectual property right of a third party; (iv) the acts, omissions, negligence or misconduct of the Institution or its students, officers, directors, agents, representatives, assigns, personnel and employees; (v) any claims by the students or third parties against Virutsa related to this MoU.

- 5. Virtusa may also provide the Institution with publicity material such as handouts, information brochures and posters, and the Institution shall return any such materials, to Virtusa on the termination or expiry of this MOU, or as and when requested to do so by Virtusa.
- 6. Except for collaboration related to CRM, Institution is not barred from having collaborations with other organizations. Except as expressly stated in this MoU, there shall be no obligation on any party to compensate the other in any manner or any claim. For initiatives which are planned for CRM domain, Institution can invite guest speakers with prior approval from Virtusa. Any other event in this domain will be conducted in collaboration with Virtusa.
- 7. The Parties shall independently meet their expenditure incurred by the respective Parties in performing their part of obligations agreed herein.
- 8. The Parties shall respect the intellectual property of the other party and third parties and shall not use the trade name, trade mark, copyright, patent, symbol or designation belonging to the other party without prior approval and permission. No party shall claim itself as an agent or representative of the other party or create any liability for the other party.
- 9. The Parties shall maintain confidentiality of all information, course materials, plans, discussions, strategies, data or any material which shall be deemed to be confidential.

10. IN NO EVENT SHALL (A) EITHER PARTY BE LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER, WHETHER IN CONTRACT, WARRANTY OR TORT, INCLUDING WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, REVENUE, DATA, COVER, LOSS OF OR INTERRUPTION OF BUSINESS OF CUSTOMER OR ANY OTHER PARTY ARISING OUT OF OR IN CONNECTION

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WITH THE DELIVERY, USE OR PERFORMANCE OF THE SERVICES, THE DELIVERABLES, ANY SOFTWARE OR ANY OTHER MATERIALS OR ITEMS, EVEN IF THAT PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR EVEN IF SUCH DAMAGES ARE REASONABLY FORESEEABLE; AND (B) VIRTUSA'S AGGREGATE LIABILITY ARISING OUT OF THIS MOU FOR ANY CLAIM OR CLAIMS EXCEED INR 1000.

- 11. The parties represent that they have the full power and authority to enter into this MOU in general and none of the objects stipulated herein are against public policy.
- 12. The Parties shall designate their respective representatives who shall be the primary point of contact on behalf of that party.
- 13. Neither of the parties shall not use the name of the party in any advertisement nor make any public announcement without the prior written approval of the other party.
- 14. Virtusa will be provided the day one or day two slot during the campus placements by the Institution, which will be finalized based on mutual discussion and agreement.
- 15. The Parties hereby agree that Virtusa shall not be under any obligation under this MOU to recruit any students from the Institution and the latter shall not make any claims in that regard.
- 16. The parties may negotiate amendments to this MOU, if necessary, to meet the evolving requirements.
 Any amendment and / or modifications to the MOU will require written approval from both parties.

IN WRITTEN WHEREOF both parties put their hard seal on the day, month and year stated herein above;

Date: 15.01.2018

Signature:

Date: 15.01.2018

Place: Tiruchengode

Place:

VASU PENDYALA Finance Controller

Name: R.Srinivasan

Name:

And in

Company: K.S.R. EDUCATIONAL INSTITUTIONS

C:____

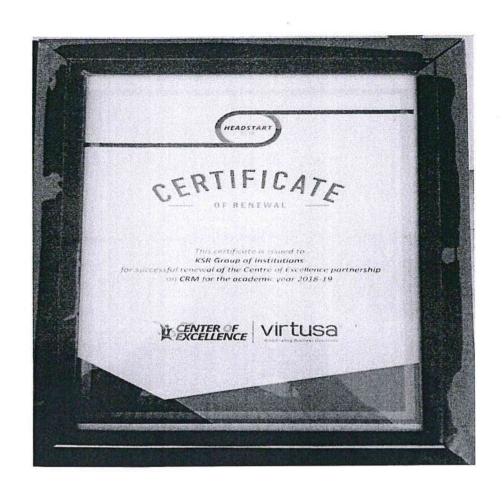
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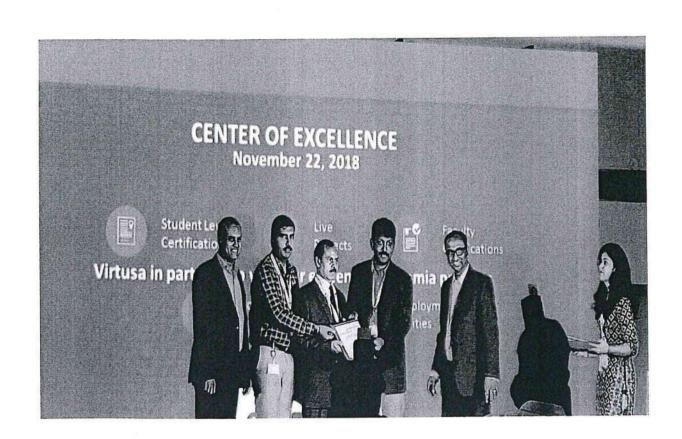
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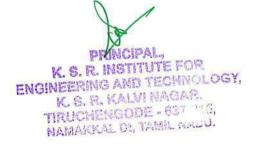
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Redhat India Pvt. Ltd.,



TERRY MAHARASHIRA O

PRINCIPAL.

K. S. R. INSTITUTE FOR

ENGINEERING AND TECHNOLOGY,

K. S. R. KALVI NAGAR,

TIRUCHENGODE-637 215,

NAMAKKAL DI, TAMIL NADU.

PARTNER ACCEPTANCE DOCUMENT INDIA

Red Hat India Pvt. Ltd.
A-201, 2nd Floor, Supreme Business Park,
Hiranandani Gardens,
Powai, Mumbai -400 076
+91 22 61147588| www.redhat.com



Parties

Partner information

Company name: KSR Institute for Engineering and Technology

Address: KSR Kalvi Nagar, Tiruchengode, Namakkal District, Tamil
Nadu. Pin – 637215

Tel.no. +91 -22-61147506
625020.

Contact name: Dr.M.Venkatesan
Email: grincipai@ksriet.ac.in
Telaphone: +91 9965804244

Tauritory India

This Partner Acceptance Document, upon execution, authorizes you to participate in one or more of the Red Hat Partner Programs marked below) in the Territory indicated above and sets forth the terms of your participation. If no Territory is identified above, the Territory will default to the country of your address above. The "Agreement" is comprised of this Partner Acceptance Document(s), the Partner Terms and Conditions, each applicable Program Appendix and transaction document(s) (which may be referred to as "Order Forms") entered into pursuant to these terms (collectively, the "Agreement"). Additional Program Appendices may be added by executing additional Partner Acceptance Documents.

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Applicable Program Appendices		Program(s)	Location of Program Terms		
mark all that	apply)				
· X	Red Hat A	cademy Program	Attached.		
Applicable T Conditi (choose or	ions	magi i	Partner Terms and Conditions		
х		The Partner Terms and Conditions set forth in the attached Appendix 1 and, if not attached, then as set forth www.redhat.com/licenses/partners/ .			
Acceptance	Document	by its duly authorized	opy of the agreement to Red Hat Mumbai office. Each Party has executed this Partner representative and by its signature agrees to be bound by the terms of the Agreement.		
KSR Institu	te for Eng	ineering and Techno	Red Hat India Private Limited		
Signature & M. less		be-p	Signature		
Printed Name Dr. M. VENKATESAN			755AAL Printed Name		
Title PF	PRINCE PAL Title				
Date 29.01.2019			Date		

PRINCIPAL. K. S. R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY, K. S. R. KALVI NAGAR. TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

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Res Hat Partner Agreement

PARTNER TERMS AND CONDITIONS



Purpose

Red Hat designs programs for its partners ("Programs") to promote Red Hat Products, enhance the satisfaction of Red Hat's End Users and augment the expertise and resources of partners. Partner's participation in a Program(s) is governed by (a) Partner Acceptance Document including these Partner Terms and Conditions; (b) the applicable Program Appendix(ices) which have been agreed to by the Parties; and (c) any transaction documents (subject to this Agreement) for Red Hat Products and/or Services (each, an "Order Form").

"Red Hat" means Red Hat India Private Limited with a principal place of business at A-201, Supreme Business Park, Hiranandan Gardens, Powai Mumbai- 400 076. Red Hat "Products" and "Services" mean the specific Red Hat branded offerings set forth in a Program Appendix. The "Software" means the Red Hat branded software contained in the Red Hat Products, including any Updates if any form (e.g. binary, source or recompiled), that are delivered by or obtained from Red Hat, directly or indirectly, provided that Software does not include optional third party software set forth at https://www.redhat.com/licenses/thirdparty/eula.html. "Updates" mean software fixes, upgrades, enhancements, additions, corrections and modifications, if and when available. Red Hat and Partner are collectively referred to as the "Parties" and may be referred to individually as a "Party". "End User" is defined in the Program Appendices.

2. Programs, Application Process and Acceptance

Program Appendices and Program Guides may be amended by Red Hat at the time of renewal of the applicable Program Appendix provided if you do not agree with the terms of the new Program Guide, you may elect not to renew the applicable Program Appendix subject to the terms of such Program Appendix. Unless otherwise agreed in writing, any subscriptions for Red Hat Products or Services purchased under a Program Appendix will commence upon the earlier of (a) the first use of such Product or Service, (b) the purchased date of such Product or Service or (c) the commencement date set forth in the Order Form.

Affiliate Authorizations

Partner's Affiliate(s) may participate in a Program only upon (a) approval by Red Hat, including with regard to Program level and crediterms, and (b) execution of a written participation agreement with Red Hat or its Affiliate(s) to bind the Partner Affiliate to this Agreement "Affiliate" means an entity that owns or controls, is owned or controlled by, or is under common control or ownership with a Party, wher "control" is the possession, directly or indirectly, of the power to direct or cause the direction of the management and policies of an entity whether through ownership of voting securities, by contract or otherwise.

4. Territory

Partner may participate in the Program(s) only in the Territory designated in this Agreement. Red Hat and Partner may elect to expan the Territory, add Affiliates and/or establish different terms and conditions (e.g. currency, taxes, entities, etc.) by mutual written agreement, which may take the form of a Partner Acceptance Document or written participation agreement subject to this Agreement.

5. Fees

Fees, if applicable, will be as indicated in each appropriate Program Appendix and/or Order Form, and will be due and payable as so forth in such Program Appendix or Order Form subject to this Agreement. All amounts owed under the Agreement are to be paid in Indian Rupees unless specified otherwise.

6. Billing, Payment and Taxes

If Partner acquires Red Hat Products and/or Services directly from Red Hat, Red Hat will invoice Partner as set forth herein and ma require receipt of a purchase order for any amounts due to Red Hat; provided, however, that any terms contained in a purchase order w not amend, supplement or modify the terms of this Agreement or be binding on Red Hat. Partner must pay all sums due to Red Hat eithe (a) net thirty (30) days from the date of invoice if Red Hat has approved Partner for such credit terms or (b) if Partner has not bee approved for net thirty (30) day credit terms, then on a prepaid basis, in each case without regard to when or whether Partner collect payment from its customer(s). Partner will reimburse Red Hat for all costs and expenses incurred by Red Hat in connection with th collection of overdue amounts, including without limitation reasonable attorneys' and/or legal fees. All amounts payable shall t exclusive of any Taxes. Partner will pay to Red Hat, in addition to any amounts due to Red Hat for Red Hat Products or Services, a amount equal to any Taxes arising from or relating to this Agreement that are paid or are payable by Red Hat unless Partner presen Red Hat with a valid tax exemption or resale certificate. "Taxes" means any form of taxation of whatever nature and by whatever authority imposed, exclusive of any taxes based on the net income of Red Hat. In the event of a cross-border transaction, if Partner i required under any applicable law or regulation, domestic or foreign, to withhold or deduct any portion of the payments due to Red Ha then the sum payable to Red Hat will be increased by the amount necessary for Red Hat to receive an amount equal to the sum it woul have received had no withholdings or deductions been made, unless Partner provides Red Hat with the original withholding ta documentation that is sufficient for Red Hat to apply for and obtain a tax credit for the full withheld amount. The Parties will work together in good faith to minimize adverse tax consequences to Red Hat created by cross-border transactions. Any payments more than thirty (3 days past due will be subject to a late fee of one and one-half percent (11/2%) per month, or the maximum rate allowable by lav whichever is less.

Verifications

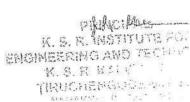
During the Term and for at least two (2) years thereafter, Partner will keep and maintain commercially reasonable written record regarding Partner's use and distribution of the Red Hat Products and Services and business activities related to the Program(: "Records"). Red Hat may, at its own expense, verify the Records to determine Partner's compliance with this Agreement. The verification may take the form of requests for information, documents or records (to which Partner will respond promptly), on-site visit

Red Hat Partner Agreement



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for which Partner shall grant Red Hat the requisite access), or both. The Parties will act reasonably and cooperate with each other in respect of such verifications. Any on-site visit will occur during regular business hours and will not interfere unreasonably with Partner's pass. For an on-site visit, Red Hat will give Partner at least thirty (30) day's prior written notice.

Trademarks

- The term "Red Hat Marks" means the trademarks owned by Red Hat or a Red Hat Affiliate that are set forth in an applicable Program Accendix. Red Hat grants Partner a non-exclusive, non-transferable, royalty-free, revocable license in the Territory and during the Territor use the Red Hat Marks solely in connection with the marketing and distribution of Red Hat Products and/or Services as permitted in this Agreement, without the right to sublicense. Partner agrees to use the Red Hat Marks only as stated in this Agreement, and in doing so, to follow the standards of quality established by Red Hat and to adhere to the trademark usage guidelines found at http://www.redhat.com/about/corporate/trademark/guidelines as amended from time to time and any other trademark terms contained in a Program Appendix (the "Red Hat Trademark Guidelines"). Any other use of Red Hat Marks is not permitted. Partner will provide Red Hat with representative samples of the use of Red Hat Marks contained within any materials including web pages, marketing, advertising promotional and collateral materials ("Promotional Materials").
- All goodwill created by the use of Red Hat Marks by Partner is for the sole benefit of, and accrues to Red Hat. Partner acquires no right title or interest in Red Hat Marks or the goodwill associated with them, other than the right to use Red Hat Marks in accordance with this Agreement. Partner will not challenge the validity of Red Hat Marks, nor assist anyone in challenging their validity. Partner agrees not to make any application to register any Red Hat Mark or any domain names containing a Red Hat Mark, and not to use or register any trade name, trademark, service mark, slogan, logo or domain name that is confusingly similar to, or a reference to, any Red Hat trade name trademark or service mark during or after the Term of this Agreement. Partner may not disparage Red Hat, Red Hat Marks or Red Hat Products.

3. Additional Requirements

- Red Hat reserves all rights not expressly granted in this Agreement and all rights not expressly granted to the Red Hat Products and Services (including rights under any trademarks, copyrights, patents or other intellectual property of Red Hat). Partner will not use Red Hat Products or Services to create an offering competitive with Red Hat, directly or indirectly, or, unless specifically permitted in this Agreement, for the benefit of any other person or entity or permit any third party to make such use. If Red Hat determines that any of the Red Hat Products or Services is being used (in whole or in part) by Partner in any way to (a) avoid paying fees that would otherwise be due hereunder, (b) provide Services to third parties outside of the scope of a Program or (c) create revenue without payment of fees to Red Hat for Red Hat Products or Services, Red Hat may immediately suspend performance and/or terminate this Agreement and any Program, and reserves its rights to exercise any and all legal and equitable remedies available to it.
- 9.2 For each Red Hat Product (or Partner product that incorporates a Red Hat Product or Service, in whole or in part) that Partner sells to ar End User under a Program Appendix, Partner shall purchase the equivalent Red Hat Product with respect to such conditions as the term (1 or 3 years) and support level. For example, if the End User purchases a one year 24x7 support level Red Hat Enterprise Linux product from Partner, Partner shall purchase a one year Premium (24x7) Red Hat Product from Red Hat. Similarly, Partner is only authorized to resell the complete Red Hat Product it purchased and is not permitted to decouple the Red Hat Product or sell it in parts. For example Partner will not purchase a one year Red Hat Product from Red Hat and then break it into multiple shorter increments of time for resale Partner will work with Red Hat to ensure that its resale of Red Hat Products to End Users is consistent with the terms for the Red Hat Products purchased.
- Input limiting the generality of Sections 9.1 or 9.2 above, Partner agrees: (i) not to modify the Red Hat Products in any manner unless agreed to by Red Hat in writing and (ii) not to use or resell the Red Hat Products in any manner or for any purpose not permitted by this egreement, including, without limitation, for Partner's own internal or production use, other than as may be expressly permitted in the state cable Program Appendix or by any applicable mandatory rule of law. For certain Programs and only during the term of the Program Fact hat may provide Partner with access to non-production, evaluation, development kits and/or not for resale (aka "NFR") Red Hat Figure for the sole purpose of testing and/or supporting its partners and/or End Users on issues related to Partner's rights and to get in the sole purpose. Should Partner resell or use its access to such Red Hat Products for Partner's own internal or production use that if the expressly permitted in the applicable Program Appendix, Partner agrees to purchase the appropriate Red Hat Product(solution and the partner's rights and to pay the applicable fee for all periods. This Agreement establishes the partner access to the terms of an open source license.

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Tade name, trademark, service mark, copyright, patent, trade secret, domain name and all other intellectual and specific anywhere in the world, including moral rights, and all applications, provisional applications, registrations are as thereof, and all associated goodwill (present or future) in and to the Red Hat Products, are and will, as a convenience and vested in Red Hat or its licensors, notwithstanding any use of terms such as "purchase," "sale" of the Hat may provide access to third party software programs with the Red Hat Software that are not parent and party programs are (a) not required to run the Red Hat Software, (b) provided as a convenience are terms. The license terms either accompany the third party software programs and/or may be viewed as a convenience are terms. It is a convenience are the party software to abide by the license terms for the third party software are convenience are the party software.

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- 11. Limited Warranties, Limitation of Liability, Disclaimer of Damages and Insurance and Indemnity
- 11.1 General Representations and Warranties. Red Hat represents and warrants that: (a) the Services will be performed in a professional and workmanlike manner by qualified personnel; (b) it has the authority to enter into this Agreement with Partner; and (c) to Red Hat's snowledge, Red Hat branded Software does not, at the time of delivery to Partner, include malicious code for the purpose of damaging or corrupting the Software.
- 11.2 Disclaimer of Warranties. EXCEPT AS SET FORTH IN SECTION 11.1 ABOVE, TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE RED HAT PRODUCTS AND SERVICES ARE PROVIDED "AS IS" AND WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT AND FITNESS FOR A PARTICULAR PURPOSE. Partner will make no representations or warranties on behalf of Red Hat regarding the Red Hat Products or Services in connection with the distribution of the Red Hat Products or Services or otherwise.
- Limitation of Liability. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, FOR ALL EVENTS AND CIRCUMSTANCES, RED HAT'S AND ITS AFFILIATES' AGGREGATE AND CUMULATIVE LIABILITY TO PARTNER AND ITS AFFILIATES ARISING OUT OF OR RELATING TO THIS AGREEMENT AND ANY ORDER FORM HEREUNDER, INCLUDING WITHOUT LIMITATION ON ACCOUNT OF PERFORMANCE OR NON-PERFORMANCE OF OBLIGATIONS, REGARDLESS OF THE FORM OF THE CAUSE OF ACTION, WHETHER IN CONTRACT, TORT (INCLUDING, WITHOUT LIMITATION, NEGLIGENCE), STATUTE OR OTHERWISE WILL BE LIMITED TO DIRECT DAMAGES AND WILL NOT EXCEED THE TOTAL AMOUNT PAID TO RED HAT AND ITS AFFILIATES BY PARTNER AND ITS AFFILIATES UNDER THIS AGREEMENT DURING THE TWELVE (12) MONTHS PRECEDING THE FIRST EVENT GIVING RISE TO LIABILITY FOR THE RED HAT PRODUCT OR SERVICE THAT IS THE SUBJECT MATTER OF THE CLAIM OR U.S. \$5,000.00, WHICHEVER IS GREATER. THE FOREGOING LIMITATION SHALL NOT APPLY TO CLAIMS FOR BODILY INJURY (INCLUDING DEATH) AND DAMAGE TO TANGIBLE PERSONAL PROPERTY CAUSED BY THE NEGLIGENCE OF RED HAT OR ITS EMPLOYEES.
- Disclaimer of Damages. NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED IN THIS AGREEMENT OR ANY ORDER FORM, TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT WILL RED HAT OR ITS AFFILIATES BE LIABLE TO THE PARTNER OR ITS AFFILIATES FOR: ANY CLAIM BASED UPON A THIRD PARTY CLAIM; ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, INDIRECT, EXEMPLARY OR PUNITIVE DAMAGES, WHETHER ARISING IN TORT, CONTRACT, OR OTHERWISE; OR FOR ANY DAMAGES ARISING OUT OF OR IN CONNECTION WITH ANY MALFUNCTIONS, DELAYS, LOSS OF DATA, LOST PROFITS, LOST SAVINGS, INTERRUPTION OF SERVICE, LOSS OF BUSINESS OR ANTICIPATORY PROFITS, EVEN IF RED HAT OR ITS AFFILIATES HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Without limiting the generality of the foregoing disclaimer, Red Hat Products and Services are not specifically designed, manufactured or intended for use in (a) the planning, construction, maintenance, control or direct operation of nuclear facilities, (b) aircraft navigation, control or communication systems, weapons systems or (c) direct life support systems. Partner agrees that it is solely responsible for the results obtained from the use of the Red Hat Products and Services.
- Insurance and Indemnity. Partner shall put in place and at all times maintain during the Term and for two (2) years thereafter, at its own cost and expense, appropriate and sufficient commercial general liability insurance with a reputable insurance company to cover the activities of Partner contemplated in this Agreement. The premiums for these policies of insurance shall be the responsibility of Partner. Upon request, Partner will provide Red Hat certificates of insurance for all insurance coverage. Partner will indemnify and hold harmless Red Hat from any and all liability, losses, costs, damages or expenses, including reasonable attorney's, solicitor's or legal fees and costs, resulting from or arising out of third party demands or claims against Red Hat relating to any of Partner's actions including, but not limited to performance or non-performance under this Agreement.

Publicity and Confidentiality

- Publicity. Partner will keep confidential and will not disclose, market or advertise to third parties the terms of this Agreement (including the fees paid hereunder). Partner or Red Hat may reference its relationship with the other, in the normal course of business including turing earnings calls, discussions with analysts, meetings with the press, customer briefings, general marketing activities and in regulatory filings. Neither Party will issue formal press releases or other similar activities referencing the other Party without the written tensent of the other Party.
- Confidential Information. The parties agree that Confidential Information provided under this Agreement will be held and maintained in confidence and each Party will use at least the same degree of care to protect such Confidential Information that it uses to protect its own confidential information, but in no event less than reasonable care. The recipient may use Confidential Information of the other Party only confidential information, but in no event less than reasonable care. The recipient may use Confidential Information of the other Party only confidential information in the purposes of exercising its rights and fulfilling its obligations under this Agreement. Confidential Information may be disclosed only confidential information and the confidential information may be disclosed only confidential information and legal counsel, provided in each case they are a written obligation or legal duty to keep such information confidential using standards of confidentiality not less restrictive than case required by this Agreement. "Confidential Information" means all information and materials disclosed by either Party to the other care that its either marked confidential or, by the nature of the information or the circumstances surrounding its disclosure, and the Term that is either marked confidential Information does not include information that (i) is or later becomes publicly as an early without breach of this Agreement, or is disclosed by the disclosing Party without obligation of confidentiality; (ii) is known to the case at the time of disclosure by the disclosing Party; (iii) is independently developed by the recipient without use of the Confidential case at the time of disclosure by the disclosing Party; (iii) is independently developed by the recipient without use of the Confidential case at the time of disclosure by the disclosing Party; (iii) is independently developed by the recipient without use of the Confidential case at the time of disclosure by the disclosure of ordinary skill in the business of

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- Term nazion
- ne term of each Program Appendix is independent of the term of any other Program Appendix. "Effective Date" means the 1 1215 when both Parties have fully accepted or signed the Agreement.
- 2 1 Termination by Red Hat or Partner. Red Hat may (without prejudice to any other right or remedy) terminate this Agreement in whole o cart (including any Program Appendix and Partner's participation in any Program) for any reason at any time upon ninety (90) days area written notice to Partner. If Partner or Red Hat breaches the terms of this Agreement, and the breach is not cured within thirty (30, za, s after written notice of the breach is given to the breaching party (except for payment obligations, in which case five (5) days), there the other party may, by giving written notice of termination to the breaching party, terminate this Agreement in whole or in part (including any Program Appendix and Partner's participation in any Program) without prejudice to any other right or remedy; unless a shorter cure ceriod is otherwise stated under this Agreement or in the applicable Program Appendix and provided that no cure period is required for a reach of Sections 8, 9.1, 12.2 or 14.3 hereof.
- If Effect of Agreement Termination or Expiration. Termination or expiration of this Agreement in whole for any reason will immediately := minate Partner's participation in any and all Programs. Upon such termination or expiration, Partner will immediately (i) cease referring tself as a Red Hat Partner, or any other title associated with the Program, and using those titles in any communication or advertising to the extent applicable, cease all promotion, demonstration, sale(s) and distribution of the Red Hat Products and/or Services; (iii) sease all use of the Red Hat Marks; (iv) return or destroy, at Red Hat's option, all printed materials containing Red Hat Marks, including = documentation and Promotional Materials; and (v) remit all fees due to Red Hat within fifteen (15) days of such termination or expiration. If the termination is not the result of a Partner breach, the Partner will be entitled to sell, for a period of no longer than sixty 60) days after termination, any of its inventory of Red Hat Products (subject to this Agreement) for which Red Hat has been fully paid and that are required to fulfill any unperformed contracts of Partner outstanding at the date of termination or expiration. All rights and abligations of the Parties under this Agreement and all applicable Program Appendices will terminate immediately, except that obligations Inder Sections 6, 7, 8.2, 10, 11.2 - 11.5, 12, 13.3 - 13.4, 14.1 - 14.3, 14.5, and 15 hereof, and any Partner payment obligations will survive such termination or expiration. Termination of this Agreement shall not affect any agreements between Red Hat and any End
- 2.4 No Compensation. Upon termination or expiration of this Agreement for any reason or at any time, Red Hat will have no obligation to Partner (except as Red Hat otherwise may be liable to Partner for Red Hat's material breach of this Agreement), or to any employee, agent or representative of Partner, for compensation or for damages of any kind, whether on account of the loss by Partner or such employee, agent or representative of present or prospective sales, investments, compensation or goodwill. Partner hereby indemnifies and holds Red Hat harmless from and against any and all claims, costs. damages and liabilities whatsoever asserted by any employee, agent or representative of Partner under any applicable cancellation, termination, labor, social security, payments under national insurance, or other laws or regulations.

General Provisions

14.1 Governing Law and Venue. This Agreement shall be governed by and construed according to the laws of the Republic of India, excluding the conflict of laws, provisions thereof. All disputes, differences or questions arising out of this Agreement including the repretation of the terms herein or with regard to the obligations, failure or breach of any terms thereof by any of the Parties and/or == pensation/damages payable under this Agreement or of any matter whatsoever arising under this Agreement, which have not been setted amicably within thirty (30) days from the commencement of informal negotiation, shall be referred by either Party to arbitration in standance with the Arbitration and Conciliation Act 1996 (laws of India) and the award made in pursuance thereof shall be binding on = Parties. The seat of Arbitration shall be in Mumbai, India. The proceedings of arbitration shall be conducted in English. The arbitral : . a shall consist of one (1) arbitrator to be appointed by the mutual agreement of the Parties, failing which the appointment shall be 1828 Inder the terms of the said Arbitration and Conciliation Act. The decision or award so given by the arbitrator shall be final and the Parties hereto. Any Party may at any time without regard to any notice periods required by the provisions hereof, and as she is necessary or appropriate, seek interlocutory, provisional or interim relief or remedies from any court of competent jurisdiction without limitation, to the extent available under applicable law a temporary restraining order or preliminary injunction).

notices, consents, waivers and other communications required or permitted by this Agreement must be in English, in writing, see the seemed given when (a) delivered to the appropriate address by hand or by nationally recognized overnight courier service (b) sent by facsimile or e-mail with written confirmation of transmission by the transmitting equipment delivered promptly received by the addressee, if sent by certified main receipt requested, in each case to the following addresses. or e-mail addresses and marked to the attention of the person (by name or title) designated hereafter (or to such other same and a number, e-mail address or person as a party hereto may designate by notice to the other parties hereto): For Partner: by Pariner to Red Hat in writing; . For Red Hat: A-201, Supreme Business Park Powai, Mumbai – 400 076 with a copy to: YP. Business Affairs, Red Hat, Inc., 100 East Davie Street. Raleigh. Facsimile: +1 (919) 754-3729.

1 and Export Controls.

Use temper Pat Hat and Partner, Partner (a) understands that countries, including the U.S., may restrict the import, use or export of secondary products and other controlled materials (which ma, include Red Hat Products, Services or related technical information) Common ad Materials"): (b) will be solely responsible for compliance with any such import, use, or export restrictions in connection with

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Partier's use, sale and/or distribution of Controlled Materials; and (c) will be the importer and exporter of record of the Controlled size is that Partner uses, sells and/or distributes, and is responsible for all associated obligations, including but not limited to, paying a more duties and tariffs, and obtaining any required regulatory approvals, registrations, and export and import licenses.

- Fire of Corrupt Practices Act and the U.K. Bribery Act (collectively, the "Anti-Corruption Laws"), and will not engage in conduct that for cause Red Hat to violate any law or regulation including the Anti-Corruption Laws. Among other conduct, the Anti-Corruption Laws for all Partner, directly or indirectly, from receiving anything of value from, or offering anything of value to, either private parties or purposer performance. A government or public official includes employees and officers of a government agency, department or public international parties and candidates for political office. Partner represents and warrants that none of its significant parties, owners, partners, officers or directors ("Partner Officials") is a government or public official and that if any of the Partner frament. Partner will not permit its resellers or partners to do anything that would violate or cause Red Hat to violate any law or action any of the provisions of this Section or a notice is provided pursuant to this Section, Red Hat may immediately terminate the present or stop performing its obligations (including making payments, if applicable) without any liability to Partner.
- 13. L. s required by U.S. law, Partner represents and warrants that it: (a) understands that certain of the Controlled Materials are of U.S. origin and subject to export controls under the U.S. Export Administration Regulations (the "EAR"); (b) is not located in any country listed in Country Group E:1 in Supplement No. 1 to part 740 of the EAR; (c) will not export, re-export or transfer the Controlled Materials to (1) any prohibited destination, (2) anyone who has been prohibited from participating in U.S. export transactions by any federal agency of the L.S. government or (3) any end user who Partner knows or has reason to know will use them in the design, development or production of ruclear, chemical or biological weapons, or rocket systems, space launch vehicles, or sounding rockets, or unmanned air vehicle systems; and (d) understands and agrees that if it is in the United States and exports, re-exports or transfers the Controlled Materials to eligible end users, it will, to the extent required by EAR Section 740.17(e), submit semi-annual reports to the U.S. Commerce Department's Bureau of Industry and Security, that include the name and address (including country) of each transferee.
- 14.3.4 Partner will not engage in any activity that is prohibited under the Anti-boycotting Act (50 USCA 2407, Part 760).
- 24 3.5 Partner acknowledges that Red Hat may be prohibited from providing Controlled Material(s) if Red Hat has knowledge or reason to believe that a violation of the applicable law will or has occurred.
- No Assignment. This Agreement is only assignable by Partner with Red Hat's prior written consent. Any assignment made by Partner without Red Hat's prior written consent will be void and Red Hat will not be required to recognize the assignment. Red Hat may assign any or all of its rights and delegate or novate any or all of its obligations hereunder without the prior approval of Partner. At the request of Red Hat, Partner will execute any papers or documents reasonably necessary to give effect to such assignment or novation. Partner shall promptly notify Red Hat of any material change to its ownership structure.
- Independent Contractor. Partner and Red Hat are independent contractors for all purposes, without express or implied authority to bind the other. Neither Party nor its employees, agents or contractors is entitled to any employee benefits of the other. Each Party will be responsible for all costs and expenses incident to performing its business. Nothing in this Agreement shall be deemed to constitute a partnership or to create a relationship of principal and agent between the Parties for any purpose.
- Force Majeure. Neither Party will be liable for nonperformance or delays caused by acts of God, wars, riots, strikes, fires, floods. earthquakes, government restrictions, terrorist acts or other causes beyond its reasonable control. Upon the occurrence of any of the foregoing, the date of performance will be deferred for a period of time equal to the time lost by reason of the delay. This section does not relieve either Party of its obligation(s) to make payments.

Miscellaneous

a) All headings contained in this Agreement are inserted for identification and convenience, and will not be deemed part of this Agreement for purposes of interpretation. (b) If any provision of this Agreement is held invalid or unenforceable for any reason, but well is De valid and enforceable if appropriately modified, then such provision will apply with the modification necessary to make it valid and enforceable. If such provision cannot be so modified, the Parties agree that such invalidity will not affect the validity of the remaining revisions of the Agreement. (c) The delay or failure of either Party to exercise any rights hereunder will not constitute or be deemed a warver or forfeiture of such rights. No waiver will be valid unless in writing and signed by an authorized representative of the Party against such waiver or forfeiture is sought to be enforced. (d) This Agreement will constitute the exclusive terms and conditions with ascept to the subject matter of this Agreement, notwithstanding any different or additional terms that may be contained in the form of schase order or other document used by Partner, including subsequent to the date of this Agreement. This Agreement contains the complete and exclusive statement of the agreement between the Parties with respect to the transactions contemplated here and and officer written agreements and all prior and contemporaneous oral agreements with respect to the subject matter of this Agreement are and and any applicable Program and Conditions in this Appendix 1 and any applicable Program energia, Program Guide(s), End User License Agreement or any other Program literature, the terms will be interpreted in the following 1) the applicable Program Appendix, (2) the Partner Terms and Conditions, (3) the End User License Agreement. (4) the Program 2.15 and (5) any other Program literature. (e) Except as otherwise provided in Section 2, this Agreement may not be changed except by instrument signed by authorized signatories of the Parties, that makes specific reference to this Agreement. (5) This Agreement Te executed in counterparts, each of which will be deemed an original and all of which will constitute one and the same instrument.

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INSTRUCTION

The Parties may exchange electronic signatures and signature pages electronically and such signatures will be effective to bind the Parties of The Parties acknowledge that they have each reviewed and participated in settling the terms of this Agreement. Furthermore the Parties agree that any rule of construction to the effect that any ambiguities are to be resolved against the drafting Party will not be a first the interpretation or construction of this Agreement.

15 Authorized Signatures

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Factor may assent to this Agreement by (i) accepting this Agreement in an on-line transaction at the Partner Portal May redhat.com/en/partners) or a Red Hat designated successor to such URL, (ii) electronically signing the document via a Real acceptable electronic signature tool and emailing to the email address identified in (a) below, or (iii) signing a physical copy of this examination of the signed Agreement via (a) email to globalcontracts@redhat.com via pdf, (b) fax to +65-649 email to Red Hat Asia Pacific Pte Ltd, Attn: Contract Administrator,8 Shenton Way, #10-00, Singapore 068811.

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Background and Purpose. This Program Appendix ("Appendix") establishes the terms and conditions under which Partne will participate in the Red Hat Academy Program ("RHA" or "Program") in the Territory. Under the Program, Red Hat provide Partner an Internet deployed and managed Curriculum, Software, and Services and Partner provides the facilities an Teachers and delivers the Courses to Students as set forth in this Appendix. Capitalized terms not defined in this Appendix shall have the meaning given to them in the Partner Agreement between the parties, including the Partner Terms and Conditions.

2. Definitions.

"Appendix" means this Red Hat Certified Training Partner Program Appendix, including the terms and conditions governing the relationship between the Parties as contemplated by this Appendix, and further subject to the terms and conditions of the Partner Acceptance Document ("PAD"), to which this Appendix shall be an attachment.

"Curriculum" means the Courses, Course Materials, Manuals, and any and all instructional content, assessment, tests, an instructional materials included therein whether in print or electronic format, provided by Red Hat as part of the Red Hat Academy Program.

"Course" or "Courses" means the specific courses or units of study that may be taught under the RHA and as set forth in Exhibit A, Exhibit C and as otherwise offered by Red Hat under the Red Hat Academy Program.

"Course Materials" means any and all instructional and educational content provided directly or indirectly by Red Har including without limitation designs, course names and numbers, course materials, Manuals, methodologies, software, scripts processes, instructional materials, slides, notes, lab exercises, assessment tools, quizzes, tests, answer keys, scripts, files instructor guides and/or any other materials in any format, provided in connection with the Curriculum whether distributed i print, electronic, or video format, including, without limitation, Student Kits, Exams, Exam Kits, and Exam Authorizations. An of the foregoing may be modified by Red Hat, from time-to-time, at its sole discretion.

"Documentation" means user manuals, training materials, software descriptions and specifications, brochures, technical manuals, license agreements, supporting materials and other printed information provided in connection with the Learning Services, in any format.

"Effective Date" means the first date when both parties have fully accepted or signed the Partner Agreement including this Appendix.

"Exam" means a Red Hat performance based certification exam.

"Partner" means a qualified university, academic institution, or entity with a workforce development program that acquires the Red Hat Academy Subscription for its own use to be provided to Partner's Students and without the right to directly or indirectly sell, resell, remarket, or, in whole or in part, otherwise distribute Red Hat Academy. Eligibility of a Partner is determined at Re Hat's sole and exclusive discretion.

"Program Subscription Fee" means the annual subscription fee paid by Partner that provides Curriculum, Software an Services to the Partner and enables Partner to teach the Curriculum to Students as set forth herein or in separate mutually agreed order.

"Services" means Learning Services provided as part of the Program.

5:2-dent(s)" is a person enrolled full or part-time in the Partner's school, institution of learning and admitted to a degree and agree program (e.g. diploma, or degree, program, or certificate program) and attends a Course as taught by a Teacher.

Kit" means the individually printed and packaged, digital or online Course Materials required for one (1) Studen a single Course.

TEAMS Red Hat Enterprise Linux, JBoss Enterprise Middleware and other software programs branded by Red Hat State State Programs branded by Red Hat State State Programs branded by Red Hat.

Factories employee or contractor who meets all qualifications determined by Red Hat who teaches and instruct

set of materials, including a copy of the Red Hat Academy Student Kit as well as supplementa set of by Red Hat solely for use by a Red Hat Academy instructor in delivering Red Hat Academy

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TIRUCHENGODE 637 215
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3. License and Ownership

3.1 License Grant. Upon Partner paying the applicable Fee(s), Red Hat grants Partner a non-exclusive, revocable, fully pail license, with no right to sublicense (including, but not limited to, sell), to use the Curriculum and Course Materials pursuant to the Agreement as follows: (a) distribution of Course Materials is limited to one (1) copy per Teacher and one (1) copy per Student; (b) Curriculum are provided solely for the use by Teachers and Students in the Course and such Curriculum may not be copied or transferred without the prior written consent of Red Hat; and (c) Curriculum must be taught sequentially and completed by Partner in no less than eight (8) weeks. The Curriculum shall not be used to teach or instruct to any person whis not officially enrolled as a Student and admitted to a degree, diploma, or certificate awarding program of Partner.

Notwithstanding the foregoing, all Curriculum is the sole property of Red Hat and its licensors, and are copyrighted by Red Hat unless otherwise indicated therein. Red Hat and its licensors will have sole ownership of any and all Curriculum including but not limited to methodologies, software, processes, or other intellectual property developed during the performance of the Services. Red Hat will provide Software for the use by the Partner and Students in the Course. Use of the Software is subject to the End User License Agreement set forth http://www.redhat.com/licenses/rhel_rha_eula.html. The Services may only be used by Partner. Partner is solely responsible for providing prerequisite skills, assessing its Students' suitability for use of the Curriculum, delivery of all instruction to Students, all grading and assessment of Students, and handling of all Student and Teacher information. Partner hereby agrees that Software used outside of the Program is covered under terms and condition of the Enterprise Agreement including Appendix 1, Subscription Services, set forth at www.redhat.com/licenses, which may be amended from time to time by Red Hat in its sole discretion.

- Retained Rights. No part of the Curriculum may be photocopied or duplicated by any means, whether photographic, c 3.2. electronic, or mechanical, or sold or distributed in any other delivery format whether in print or electronic, or used as the basi for any other training product or service, without written permission from Red Hat. Partner's rights in the Curriculum are limite to those license rights expressly granted under this Appendix, and Red Hat retains all rights not expressly granted. Partner wi not (a) modify the Curriculum in any manner; or (b) use the Curriculum for any purpose not specifically permitted by thi Appendix. Red Hat and its licensors will own and retain all right, title, and interest in the Curriculum and all intellectual propert rights inherent therein, including without limitation all changes and improvements requested or suggested by Partne notwithstanding any use of terms such as "purchase", "sale", or the like within the Agreement. Partner represents and warrant that its use of the Curriculum will be to fulfill obligations under this Appendix. Any unauthorized use of the Curriculum will b deemed a material breach of the Agreement. Prior to providing Students with access to Curriculum, Partner will require eac Student to sign or otherwise assent (in a binding manner) to the Enterprise Agreement with Appendix 2, Training, Trainin Units, and Consulting Units set forth at http://www.redhat.com/licenses/, which may be amended from time to time by Red Ha in its sole discretion. Partner's internal use of Courses or Exams is subject to the Enterprise Agreement with Appendix 2 Training, Training Units, and Consulting Units set forth at http://www.redhat.com/licenses/, which may be amended from time t sole Red Hat in its
- 3.3 Permitted Marks. Partner may only use the logo(s) set forth in Exhibit B to the Program in conjunction with the promotion τ Partner providing Red Hat Academy Courses to Students. Partner may not use the logo(s) in general advertisements τ marketing materials that do not specifically address or support the sale of Courses under the Program.
- Copyright Notices. Partner will ensure that all copies of the Curriculum in Partner's possession or control incorporate copyright and other proprietary notices in the same manner that Red Hat incorporates such notices in the Curriculum or in any mar ner reasonably requested by Red Hat. Partner will promptly notify Red Hat in writing upon its discovery of any unauthorize use of the Curriculum or infringement of the Curriculum or Red Hat's proprietary rights in the Curriculum.

Use of Red Hat Software. Any use of Red Hat Software is subject to Red Hat's standard agreements including the Enterprise Egreement set forth at www.redhat.com/licenses, the applicable Red Hat End User Agreement(s) set forth at www.redhat.com/licenses, the applicable Red Hat End User Agreement(s) set forth at www.redhat.com/licenses, the applicable Red Hat End User Agreement(s) set forth at www.redhat.com/licenses, the applicable Red Hat End User Agreement(s) set forth at www.redhat.com/licenses, the applicable Red Hat End User Agreement with Red Hat as applicable.

and Payment

Any fees or charges ("Fees") will be due and payable by Partner in accordance with the Agreement. Partner ma Form Red Hat directly, or through an Authorized Red Hat Reseller Partner. If Partner acquires Subscriptions, Course Less through a Red Hat Academy Program Reseller, the Fees for such Subscriptions, Courses and/or Services we seemined by such Reseller and may vary from the Red Hat Fees

Figure purchases directly from Red Hat, Fees will be identified by Red Hat in an Order Form and are (a) due upo silectance of an Order Form, and (b) payable in accordance with this section. All Fees are stated in United State in the state of the state in the section of the section of the section of the section. All Fees are stated in United State in the section of the section of

Rep Hat Parties - 2 144 T 417 find a Page 10 of 14
PRINCIPALRed Hat Confidential Information

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3. License and Ownership

3.1 License Grant. Upon Partner paying the applicable Fee(s), Red Hat grants Partner a non-exclusive, revocable, fully pail license, with no right to sublicense (including, but not limited to, sell), to use the Curriculum and Course Materials pursuant to the Agreement as follows: (a) distribution of Course Materials is limited to one (1) copy per Teacher and one (1) copy per Student; (b) Curriculum are provided solely for the use by Teachers and Students in the Course and such Curriculum may not be copied or transferred without the prior written consent of Red Hat; and (c) Curriculum must be taught sequentially an completed by Partner in no less than eight (8) weeks. The Curriculum shall not be used to teach or instruct to any person whis not officially enrolled as a Student and admitted to a degree, diploma, or certificate awarding program of Partner.

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- Retained Rights. No part of the Curriculum may be photocopied or duplicated by any means, whether photographic, c 3.2. electronic, or mechanical, or sold or distributed in any other delivery format whether in print or electronic, or used as the basi for any other training product or service, without written permission from Red Hat. Partner's rights in the Curriculum are limite to those license rights expressly granted under this Appendix, and Red Hat retains all rights not expressly granted. Partner wi not (a) modify the Curriculum in any manner; or (b) use the Curriculum for any purpose not specifically permitted by thi Appendix. Red Hat and its licensors will own and retain all right, title, and interest in the Curriculum and all intellectual propert rights inherent therein, including without limitation all changes and improvements requested or suggested by Partne notwithstanding any use of terms such as "purchase", "sale", or the like within the Agreement. Partner represents and warrant that its use of the Curriculum will be to fulfill obligations under this Appendix. Any unauthorized use of the Curriculum will b deemed a material breach of the Agreement. Prior to providing Students with access to Curriculum, Partner will require eac Student to sign or otherwise assent (in a binding manner) to the Enterprise Agreement with Appendix 2, Training, Trainin Units, and Consulting Units set forth at http://www.redhat.com/licenses/, which may be amended from time to time by Red Ha in its sole discretion. Partner's internal use of Courses or Exams is subject to the Enterprise Agreement with Appendix 2 Training, Training Units, and Consulting Units set forth at http://www.redhat.com/licenses/, which may be amended from time t Red Hat its
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- Copyright Notices. Partner will ensure that all copies of the Curriculum in Partner's possession or control incorporate copyright and other proprietary notices in the same manner that Red Hat incorporates such notices in the Curriculum or in any mar ner reasonably requested by Red Hat. Partner will promptly notify Red Hat in writing upon its discovery of any unauthorize use of the Curriculum or infringement of the Curriculum or Red Hat's proprietary rights in the Curriculum.

Use of Red Hat Software. Any use of Red Hat Software is subject to Red Hat's standard agreements including the Enterprise -greement set forth at www.redhat.com/licenses, the applicable Red Hat End User Agreement(s) set forth at www.redhat.com/licenses/eulas and/or any other mutually signed written agreement with Red Hat as applicable.

*** and Payment

Any fees or charges ("Fees") will be due and payable by Partner in accordance with the Agreement. Partner ma see from Red Hat directly, or through an Authorized Red Hat Reseller Partner. If Partner acquires Subscriptions, Course Services through a Red Hat Academy Program Reseller, the Fees for such Subscriptions, Courses and/or Services we seemined by such Reseller and may vary from the Red Hat Fees

Factor purchases directly from Red Hat, Fees will be identified by Red Hat in an Order Form and are (a) due upo statement of an Order Form, and (b) payable in accordance with this section. All Fees are stated in United Statement pay all Fees within thirty (30) days from the date of invoice, without regard for when, and whether, Par form a Student. Fees do not include out-of-pocket expenses or shipping costs. Partner agrees to rein the reasonable expenses incurred in performing the Services including travel, lodging and non-routine supplement of Red Hat's travel and expense policies. All Fees are non-refundable. Red Hat will invoice Partner agrees order for any amounts due to Red Hat pursuant to this Agreement; provided, howeve the reasonable expense order will not amend, supplement or modify the terms of this Agreement or be binding on Remarks and the credit terms or terminate the Agreement if Red Hat has not received payment and the Corder Form.

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TIRUCHENGODE-637 215,
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N. TERUCHENGOUZ-667 216
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- 1. Red Hat Academy Subscription. Red Hat Academy Subscriptions contain the following:
 - (a) Authorization and access to, and use of, the Curriculum in accordance with the terms set forth herein. The Program Ficuldes Curriculum and Fees for the initial two hundred (200) Students. Additional Student Curriculum access may be chased on a per Student basis;
 - (b) Exams and exam delivery are not included in the Red Hat Academy Subscription and may be purchased separately; as (c) A list of standard Course offerings in the Red Hat Academy Program is available from Red Hat or a Red Hat Academy seller.

Entrer Requirements.

- (a) Partner is solely responsible for the diagrams of skills, assessing Student's suitability for use of the Course(s) Curriculum, appropriate use of any member access delivery of all instruction to Students, all grading and assessment of dents, and handling of all Student more access.
- (b) Partner must notify Red Hat of the humber of Superising seath Dourse with one business day after the Course begins
- (c) Partner will provide Students with Bottable of Student soft are also Access to such labs may be purchased through a Hat Lab Partner, through a third party product forming to provide allocated to provide such software lab access, or may be vided by the Partner through its own resources.
- (d) Partner shall maintain at least one 1. Fee and Denniso Process one during the Appendix Term. Partner will notify Red upon appointment or replacement of Fee and Denniso Process ones.
- Red Hat Academy Subscription Fees. Fatter that depote Program Fee, if applicable, annually, before the beginning of the Ir Term and each Renewal Term. Courses and additional sentions can be ordered by Partner from a Red Hat Academy Reseller. All I Tell Sendices purchased during the Appendix Term must be used, which each one (1) year Term in which it was purchased or such I tell sentions shall be forfeited.

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- Publicity. Red hat and Partner shall each have the right to identify Partner as a Red Hat Academy partner, provided, I ever that for any press release, media alert, or other public communication, each party shall obtain the other party's related written consent before publishing such information in any form.
- 6. Term, Termination, Mandatory Disclosure and Public Officials
- 6.1 Term. Unless otherwise specified in writing by the parties, the initial term of this Appendix shall be one (1) year (the "Ir Term"). Thereafter, the term for this Appendix shall renew for successive terms of one (1) year each (each, a "Renewal Ter with each Renewal Term beginning on the anniversary of the Initial Term unless either party gives written notice to the other its intention not to renew at least sixty (60) days prior to the commencement of the next term. As used herein, the Initial T and each Renewal Term individually refer to a "Term" and collectively the "Appendix Term."
- 6.2 Termination.
- 6.2.1 Termination for Breach. Notwithstanding anything to the contrary Red Hat may terminate this Appendix as provided for ur Section 13.2 of the Partner Terms and Conditions Appendix, or in the event (a) Partner fails to pay an invoice when due Partner commits a breach of this Agreement and fails to remedy that breach within 30 days of receipt of notice of breach, o as otherwise provided in the Agreement. Partner may terminate the Appendix in the event Red Hat commits a material bre of the Appendix and fails to remedy such breach within 30 days of receipt of notice of material breach.
- **Termination for Convenience.** Either Party may terminate this Appendix, without prejudice to any other right or remedy, any reason upon sixty (60) days notice in writing to the other Party.
- 6.3 Survival. Upon expiration or termination, all rights and obligations of the Parties under this Appendix will terminate immediately except, Section 3.2, 3.4, 4.2, Section 3 of Exhibit A, and Exhibit C will survive such termination or expiration. Termination of this Agreement shall not affect any agreements between Red Hat and any Students.
- 6.4 Mandatory Disclosure. For the avoidance of doubt. Patther may disclose the existence of this agreement and relevant terr if it is required to do so by applicable law or regulation. Before disclosing the information, to the extent reasonably practical, Partner shall first notify Red Hat of the disclosure requirement of a tan provide notice without breaching any legal or regulator requirement).
- 6.5 Public Officials. The Parties at anowedge that if Partner is a ductio university or pools education institution, notwithstandir the warranty to the contrary in Section 14.3.2 of the Red Hat Partner Terms and Conditions, Partner Officials may be government or public officials.

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EXPLANATION OF THE PARTY OF THE

Aspire Systems



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ('MOU') is executed on 21st December, 2019, BY AND BETWEEN

ASPIRE SYSTEMS India Pvt., Ltd., a Company incorporated under the provisions of Companies Act, 1956 and having its registered office at 1/D-1, SIPCOT IT PARK, Siruseri, Tamil Nadu: 603103" represented by its authorized signatory, hereinafter referred to as 'Aspire systems' on the ONE PART (which expression whenever used shall mean and include its successors, administrators and assigns),

AND

K.S.R EDUCATIONAL INSTITUTIONS declared as an Educational Institution and having its campus at KSR Kalvi Nagar, Tiruchengode-637215, Namakkal (DT), Tamil Nadu represented by its authorized signatory Mr.R.Srinivasan, Vice-Chairman Hereinafter referred to as 'KSREI' or "Institution" on the OTHER PART (which expression whenever used shall mean and include its successors, administrators and assigns).

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K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

Aspire Systems (India) Private Limited

Registered Office:
Old No.4, New No.7, Il Trust Link Road, Mandaveli
Chennal - 600028, INDIA, Tel; +91-44-67404000 Fax; +91-44-67404234

CIN: U40300TN1998PTC046943

Head Office: 1/D -1, SIPCOT IT PARK, Siruseri, Chennai - 603103, Tamil Nadu, INDIA. Tel: +91-44-67404000 Fax: +91-44-67404234

www.aspiresys.com



(Aspire systems and Institution are individually referred to as 'Party' and collectively referred to as 'Parties').

WHEREAS Aspire systems is a global information technology services company and provides IT and business consulting, application support and maintenance, development, systems Integration and managed services to its customers.

AND WHEREAS Institution is an Education entity and providing quality education in Engineering, Arts and Science, Technical, Dental science and etc.,

Institution has evolved a comprehensive student-centric learning approach consisting of several stages, designed to add significant values to the learner's understanding in an integrated manner, covering relevant knowledge, practical skills and positive attitudes.

AND WHEREAS Institution, for the purpose of enriching practical skills and imparting industry relevant course curriculum to students of all engineering disciplines in the field of Information Technology (IT), has approached Aspire systems for forging an industry-institute academic alliance with the intent to facilitate and train Institution's students and faculty on "Software Technologies" by utilizing Aspire system's relevant experience and by deputing Aspire system's representatives from time to time at the Institution with the object of providing exposure to Institution's faculty and students to current industrial needs and requirements.

AND WHEREAS Aspire systems, with a bona fide and non-commercial intention of serving the purpose of education and making the students more exposed to the present industrial needs and requirements thereby reducing the cost and time involved in training and making them skill based personnel after graduation, has accepted the request of Institution.

Accordingly, the Parties have decided to reduce into writing their mutual representations and understanding as stated hereunder:

Aspire Systems (India) Private Limited

CIN: U40300TN1998PTC046943

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Head Office: 1/D -1, SIPCOT IT PARK, Siruseri, Chennai - 603103, Tamil Nadu, INDIA. Tel: +91-44-67404000 Fax: +91-44-67404234

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NOW THIS MOU WITNESSETH AS FOLLOWS:

Pursuant to the foregoing covenants, the Parties hereby agree and state as follows;

1. That the Parties on this day have executed this MOU with an intention to enhance the quality of the educational experience for students and training of faculty of Institution and also for industry institute collaboration between the Parties for mutual benefit and pursuant thereto the Parties agreed for:

- (a) Aspire Systems may as mutually agreed from time to time, provide Institution with certain material and collaterals and Institution shall use the materials under the guidance of Aspire Systems and only for the purposes of this MOU.
- (b) This CoE would require a dedicated Staff from the college who will be the full time coordinator (SPOC) during the training period which could strengthen communication and coordination.
- (c) If requested by Institution, Aspire Systems will train two or three faculty members of the Institution under Train the Trainer program at Aspire Systems' office at Chennai for an agreed period. The faculty, after completion of the training, will be allowed to train certain number of students as agreed upon in writing from time to time.
- (d) The final year students to be trained will be pre-selected by Aspire Systems (hereinafter referred to as the 'Pre-selected Students').
- (e) The course will be imparted for the duration specified by Aspire Systems as an additional training program. This program will be run during the pre-final/final semester of the graduation course being offered by Institution for the Pre-selected students.
- (f) Institution shall train all the pre-selected students pursuant to this MOU for the curriculum agreed with Aspire Systems.
- (g) Pre-selected Students who undergo this program as part of their pre-final/final semester may also be given an internship opportunity by Aspire Systems either in its office or through virtual mode.

Aspire Systems (India) Private Limited

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Tamil Nadu, INDIA. Tel: +91-44-67404000 Fax: +91-44-67404234

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- (h) Pre-Selected Students who undergo this program shouldn't be encouraged for any further placements. Any drop outs will definitely be a huge setback because we would have spent considerable time from both ends on training. This also is a vital parameter of the continuation of CoE for the next year.
- 2. The MOU shall be valid for one year from the date of execution. The Parties shall be at full liberty to terminate the MOU at any time by issuing prior written notice of thirty (30) days. The Parties shall make reasonable efforts for the performance of the MOU and shall in good faith co-operate with each other in duly performing the obligation agreed upon. The Parties herein have agreed to perform various obligations with a voluntary service motive and there is no monetary obligation/consideration involved herein between the Parties. Under no circumstances, Aspire systems shall be treated as the vendor, contractor and agent of Institution (or vice-versa).
- 3. Institution shall have to bear all expenses towards providing infrastructure, network and internet access and the other facilities required for the education and training. Training of the faculty members or more number of students than agreed or using licenses for any other commercial/non-commercial purposes will be a breach of this MOU and such use may attract legal action along with immediate termination of the MOU.
- 4. The Institution shall indemnify, defend and hold Aspire systems, its subsidiaries and affiliates thereof and their respective officers, directors, agents and employees, harmless from and against all claims, damages, liabilities, costs, losses and expenses, including reasonable attorneys' fees and expenses incurred, related to or arising from: (i) bodily injury or damage to property incurred from or in connection with the performance of Institution under this MOU; (ii) any claim by or against Aspire systems arising out of a breach by the Institution of any obligations (including, without limitation, any warranty, confidentiality, intellectual property, assignment obligations) under this Agreement; (iii) the infringement, misappropriation or a claim of infringement or misappropriation of any patent, copyright, trademark or other proprietary or intellectual property right of a third party; (iv) the acts, omissions, negligence or misconduct of the Institution or its students, officers, directors, agents, representatives, assigns, personnel and employees; (v) any claims by the students or third parties against Aspire Systems related to this MOU.

Aspire Systems (India) Private Limited

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1/D -1, SIPCOT IT PARK, Siruseri, Chennai - 503103.

Tamil Nadu, INDIA. Tel: +91-44-67404000 Fax: +91-44-67404234

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5. Aspire systems may also provide the Institution with publicity material such as handouts, information brochures and posters, and the Institution shall return any such materials, to Aspire systems on the termination or expiry of this MOU, or as and when requested to do so by Aspire systems.

6. Except for collaboration related to specific domain Institution is not barred from having collaborations with other organizations. Except as expressly stated in this MOU, there shall be no obligation on any party to compensate the other in any manner or any claim. For initiatives which are planned for specific domain Institution can invite guest speakers with prior approval from Aspire systems. Any other event in this domain will be conducted in collaboration with Aspire systems.

7. The Parties shall independently meet their expenditure incurred by the respective Parties in performing their part of obligations agreed herein.

8. The Parties shall respect the intellectual property of the other party and third parties and shall not use the trade name, trade mark, copyright, patent, symbol or designation belonging to the other party without prior approval and permission. No party shall claim itself as an agent or representative of the other party or create any liability for the other party.

9. The Parties shall maintain confidentiality of all information, course materials, plans, discussions, strategies, data or any material which shall be deemed to be confidential.

10. IN NO EVENT SHALL (A) EITHER PARTY BE LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER, WHETHER IN CONTRACT, WARRANTY OR TORT, INCLUDING WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, REVENUE, DATA, COVER, LOSS OF OR INTERRUPTION OF BUSINESS OF CUSTOMER OR ANY OTHER PARTY ARISING OUT OF OR IN CONNECTION WITH THE DELIVERY, USE OR PERFORMANCE OF THE SERVICES, THE DELIVERABLES, ANY SOFTWARE OR ANY OTHER MATERIALS OR ITEMS, EVEN IF THAT PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR EVEN IF SUCH DAMAGES ARE REASONABLY FORESEEABLE; AND (B) ASPIRE SYSTEMS'S AGGREGATE LIABILITY ARISING OUT OF THIS MOU FOR ANY CLAIM OR CLAIMS EXCEED INR 1000.

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- 11. The parties represent that they have the full power and authority to enter into this MOU in general and none of the objects stipulated herein are against public policy.
- 12. The Parties shall designate their respective representatives who shall be the primary point of contact on behalf of that party.
- 13. Neither of the parties shall not use the name of the party in any advertisement nor make any public announcement without the prior written approval of the other party.
- 14. Aspire systems will be provided with Day 2 slot during the campus placements by the Institution, which will be finalized based on mutual discussion and agreement.
- 15. The Parties hereby agree that Aspire systems shall not be under any obligation under this MOU to recruit any students from the Institution and the latter shall not make any claims in that regard.
- 16. The parties may negotiate amendments to this MOU, if necessary, to meet the evolving requirements. Any amendment and / or modifications to the MOU will require written approval from both parties.

IN WRITTEN WHEREOF both parties put their hard seal on the day, month and year stated herein above;

Date: 21st December, 2019

Date: 21st December, 2019

Place

: Chennai

Place

: Thiruchengode

Name

: Dinesh Kumar T K

Name

: R. Srinivasan

Company: Aspire Systems Pvt., Ltd.,

Institution: K.S.R.EDUCATIONAL INSTITUTIONS

Signaturé:

Signature: 5

R.SRINIVASAN, BBM., MISTE

VICE-CHAIRMAN

K.S.R. EDUCATIONAL INSTITUTIONS

TIRUCHENGUDE,

Head Office: TAMIL NADU, INDIA. 1/D -1, SIPCOT IT PARK, Siruseri, Chennai - 603103, Tamil Nadu, INDIA. Tel: +91-44-67404000 Fax: +91-44-67404234

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MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is made on 20th September 2019 between ABC INFOMEDIA Private Limited a Company incorporated under the Companies Act, 1956 and having its registered office at Karungalpalayam, Erode – 638003. (Hereinafter referred to as "ABC INFOMEDIA" which expression shall unless repugnant to the context or meaning thereof, include its successors in interest and permitted assigns),

and

K S R Institute for Engineering and Technology (KSRIET), an Educational Institution, approved by All India Council for Technical Education (AICTE), New Delhi (approval No. F.No. Southern/1-50 1005591/2011/EOA) situated at Tiruchengode, Namakkal – 637 215, Tamil Nadu (Herein after referred to as "KSRIET", which expression shall unless repugnant to the context or meaning thereof, include its successors in interest and permitted assigns)

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K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKALDI, TAMIL NADU.

"Parties" shall mean ABC INFOMEDIA and KSRIET and "Party" shall mean either ABC INFOMEDIA or KSRIET as the case may be.

Whereas KSRIET is a highly reputed Educational Institution, which has learned faculty, Centers of Excellence and large number of intelligent students, who can complement the efforts of Industry, jointly agree to exchange their expertise for mutual benefit and growth, on the areas and the terms specified hereunder:

The fields identified for exchange of resource and knowledge are

a. Industrial Visits

e. Problem Solving

b. Guest Lecture & Paper Presentations

f. Studies & Surveys

c. Project Work

g. Curriculum development

d. Research & Development

h. Studies and Consultancy to the Companies of the ABC INFOMEDIA

TERMS

A. Industrial Visits:

Based on convenience, ABC INFOMEDIA will allow students of KSRIET for industrial visits, towards the benefit of practical exposure.

B. Guest Lecture & Paper Presentations:

ABC INFOMEDIA will provide guest lecture to students periodically to get them motivated to become competent and successful entrepreneurs. Vice versa, KSRIET will provide classroom and explanatory sessions at its facilities to train / re-train the Employees of ABC INFOMEDIA. There will be a periodical presentation of papers from the learned faculty from KSRIET and ABC INFOMEDIA, at their mutual convenience.

C. Project Work:

ABC INFOMEDIA will allow students of KSRIET for live project works, aimed at building confidence and will help them to get prepared for smooth transition from academic to a professional working environment.

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D. Research & Development:

ABC INFOMEDIA will allow the faculty and students of KSRIET for the Research and Development work related to their fields to get an exposure

E. Problem Solving:

When the problem areas or thrust areas are identified during the course of interaction between KSRIET and ABC INFOMEDIA for further research and problem solving, they may use the facilities / resources available mutually.

F. Studies & Surveys:

ABC INFOMEDIA can provide opportunities and inputs to the faculty and students of KSRIET to undertake field studies and provide inputs for Surveys related to the field of Management, Technology Development and Marketing.

G. Curriculum Development:

The experience and expertise of the Managers and Engineers of ABC INFOMEDIA will be made available for KSRIET in framing the curriculum, so as to suit to the needs of the industry.

H. Studies and Consultancy to the Industry:

The faculty resources and expertise of KSRIET, and student assistance could be made use of by ABC INFOMEDIA for undertaking any studies for improvement/productivity increase in any of its activity segments.

I. Tenure of this MoU:

This MoU will be in active for three years from the date of signing and can be extended for the same duration on mutual consent.

This can be terminated by either of the parties by giving two months notice.

Location:

ABC INFOMEDIA PRIVATE LIMITED

No.32, Vinayagar Kovil Street, Karungalpalayam, Erode-638003. K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY,

KSR Kalvi Nagar, Tiruchengode, Namakkal – 637 215. Tamil Nadu

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General:

- 1. Based on the need for Human Resource, ABC INFOMEDIA will give priority in recruiting Graduate Trainees / Management Trainees from KSRIET.
- 2. KSRIET and ABC INFOMEDIA will share the Library & Laboratory facilities at their ends for the mutual benefits.
- 3. A Steering Committee consisting of members from ABC INFOMEDIA and KSRIET will be the functionary to execute this MOU during its tenure.
- 4. The Steering Committee will formulate policies related to the Student's projects and related financial commitments on case to case basis.
- 5. One of the members of the above steering committee on each of side will function as its secretary for the purpose of communication.

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORUNDUM OF UNDERSTANDING ON THIS THE 20th SEPTEMBER 2018 AT TIRUCHENGODE.

For ABC INFOMEDIA

For KSRIET

(K. Karikolraj)
Senior Consultant
ABC INFOMEDIA

(Dr. M. Venkatesan) Principal – KSRIET

Witnesses:

1. G. PRIYA)
tlead of operations.

2

(Dr. B. Kalaavathi) HOD/CSE

P. Marshali Dail

(Dr. P. Meenakshi Devi)

HOD/IT

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K. S. R. KALVI MAGAR.

TIRUGHENGODE-637 215,

NAMAKKAL DI, TAMIL NADU.

Krishtec

Contact: +91-9843092500



KRISH TEC

286, Thadagam Road, Coimbatore, Tamil Nadu – 641 013 India E-Mail: info@krishtec.co.in, www.krishtec.co.in

Date: 19.09.2020

MEMORANDUM OF UNDERSTANDING (MoU)

This Memorandum of Understanding is between K S R Institute for Engineering and Technology (KSRIET) ECE DEPT, having registered office at K.S.R. Kalvi nagar, Tiruchengode, Namakkal – 637215 and KRISH TEC having their registered office at "No 286, Thadagam Road, Coimbatore, 641 013" Tamilnadu, India" wishes to enter into Memorandum of Understanding (MOU) for sharing of experts, training Programme for students and placement guidance of KSRIET, ECE Dept. Tiruchengode.

IMPORTANT

This MOU is a guideline for a mutual working arrangement based on mutual trust and there is no legal binding.

INTRODUCTION

The need for MOU with and KRISH TEC is to bridge the gap between institution and industries. The main purpose for this MOU is to make the teaching faculty and students familiar with the concepts of Hardware and software packages.

TERMS OF UNDERSTANDING

The understanding shall be in effect as of the date signed by both parties and shall remain in effect for a period of Three years and can be renewed with mutual consent thereafter.

AREAS OF COLLABORATION

MOU between KSRIET, ECE Dept. & KRISH TEC will be on the following areas

- 1. Training
- 2. Project support for Student's
- 3. Internship and Inplant training
- 4. Placement assistance for students

With clear individual roles as below

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NAMAKKAL DI, TAMIL NADU.

Page 1 of 2

Contact: +91-9843092500



KRISH TEC

286, Thadagam Road, Coimbatore, Tamil Nadu – 641 013 India E-Mail: info@krishtec.co.in, www.krishtec.co.in

- Cont.. Pg 2 -

ROLE OF KSRIET

- 1. Reg. training:- KSRIET, ECE shall organize the training for students in association with and KRISH TEC
- 2. Reg. Project Support: Students of KSRIET, ECE can get the expertise support for doing the project.
- 3. Reg. Internship and Inplant Training: KSRIET, ECE students can undergo Internship and Inplant training in KRISH TEC to get the industrial exposure during their semester break.
- 4. Reg. Placement: KSRIET, ECE students can get the placement assistance from KRISH TEC for those who successfully complete the training program conducted.

ROLE OF KRISH TEC

- 1. Reg. Training: KRISH TEC will offer the latest Industry requirement Seminars in KSRIET, ECE and make the students to enhance their skill set.
- Reg. Project Support: KRISH TEC will offer free idea and technical support to make ECE students to finish their projects.
- 3. Reg. Internship software and Inplant Training: KRISH TEC will provide the opportunity for ECE students to undergo the internship and Inplant training.
- Reg. Placement: KRISH TEC will offer job opportunity for ECE students those who meet the requirement.

Signed hereby:

For K S R Institute for Engineering and Technology

Name: Dr.M.Venkatesan

Designation: Principal

Date: 19.09.2020

Place: Tiruchengode

For KRISH TEC

Name: Dr. Vimalathidan Rathinasabapathy

Designation: Founder & CEO

Date: 19.09.2020

Place: Tiruchengode

PRINCIPAL.

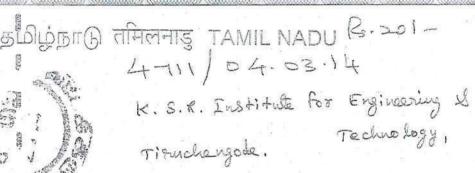
K. S. R. INSTITUTE FOR
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K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
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ABE Semiconductor Designs





MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding is signed Between

M/s K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY, K.S.R Kalvi nagar, Tiruchengode-637215, hereinafter called KSRIET represented by its Principal Dr.M.Venkatesan

And

ABE SEMICONDUCTOR DESIGNS, CHENNAI, hereinafter called ABE SD, represented by its Managing Director Mr.A.ATHIF SHAH.

PRINCIPAL.

K. S. R. INSTITUTE FOR

ENGINEERING AND TECHNOLOGY,

K. S. R. KALVI NAGAR

TIRUCHENGODE-637 215,

NAMAKKAL DE TAMIL NAGG.

According to this Memorandum of Understanding both the KSRIET and ABE SEMICONDUCTOR DESIGNS, CHENNAI agree to share their information, experience, infrastructure, organization for seminars, workshops, short term and long term courses, exchange of faculty members for training programs and different consultancy, funded and sponsored projects, training for staff members, corporate and higher officials, curriculum based training for students and projects for final year post graduate and under graduate students, internship, industrial visit, and placement. All technical development connected with the academic activities and research pertaining to this MoU more fully described in the Annexure-I shall be in the name of KSRIET and ABE Semiconductor Designs, Chennai. This Memorandum of Understanding shall come into effect from the date and time of its signing and will be valid for five years and shall be renewed on mutual agreement by both the parties there after.

Any additional agreement and co-operation shall be made in writing after mutual consent in the form of annexure to this MoU.

Signed on 10/03/2014 at Tiruchengode, India in two copies both receiving equal

values.

PRINCIPAL.

K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,

TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

Principal

KSR Institute for

Engineering and Technology,

Tiruchengode - 637215

Managing Director \

ABE Semiconductor Designs,

Chennai - 600 083

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Parties a mail from

ANNEXURE -I

"Research Project"

MoU between ABE Semiconductor Designs, and KSRIET for Strengthening

Industry- Institute Interaction

ABE Semiconductor Designs is a company of ARM connected concern that provides Design and Training Services in the field of embedded systems, VLSI Designs, Industrial automation, SOC designs and programming, RTOS, Mobile Apps and Embedded Linux development.

KSRIET will

- 1.1. Identify four committed batches of final year B.E./B.Tech/ M.E. CSE, IT, ECE & EEE students every year to take up the identified B.E./B.Tech/M.E. projects that form part of the "Research Project" for ultimately realizing the patentable technology by the end of the third academic year commencing from 2014-15 Academic Year. These batches will work under the guidance of four faculty members every year.
- 1.2. Endeavour to maintain continuity with respect to participating faculty. To maintain continuity for students, the prospective pre-final year B.E./B.Tech/M.E. CSE,IT,ECE &EEE students who are expected to continue and take part in this project during their final year will be associated with their seniors in the present academic year itself.
- 1.3. Submit the "Research Project" Proposal to DST/TIFAC/DRDO/UGC with industry Collaboration of ABE SD for getting funds for this Project.
- 1.4. Organize at least one 3-Day Hands-On Workshop per year on embedded systems, VLSI designs, RTOS, Mobile Apps, DSP and embedded Linux by ABE Semiconductor Designs for their students.

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II ABE Semiconductor Designs, Chennai will

2.1. Take responsibility to guide students with active involvement of KSRIET faculty in

realizing the PATENTABLE PRODUCT by the end of the main Project.

2.2. Under graduate students and faculty of the college will be allowed to carry out short/

long -term research project as per the requirements and approved plan of work.

2.3. Provide training and hands on Workshop for complete Embedded System theory and

Lab experiments for the students of KSRIET based on mutually agreeable terms and

conditions every year.

2.4. Make available the use of the existing facilities like laboratory, library, workshop,

etc., at the ABE SD, at Nominal cost to the students/ faculty for the approved project

work.

2.5.Invite two KSRIET faculty members every year for advance Embedded System

conference and workshop and training in the cutting edge technologies will be provided

to the faculty members at free of cost.

2.6. Participate in Campus Recruitments at KSRIET at all possible times.

2.7. ABE SD will provide the low-cost Embedded, DSP; FPGA boards to the department

depending upon the requirements.

2.8. The institute shall recognize ABE SD, Chennai, for conducting research work in

collaboration with KSRIET.

2.9. Consider the students of KSRIET for project works based on their performance and

willingness to work on projects. ABE SD would provide all the support from its expert

team in Chennai based on need and mutually agreed terms.

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K. S. R. KALVI NAGAR.

TIRUCHENGODE-637 215,

NAMAKKAL DI, TAMIL NADU.

This agreement will be effective initially for a period 5 years from the date of signing of the MoU by both the parties and may be renewed further if mutually agreed. Either party may terminate the agreement by written notification signed by the appropriate official of the Institution/ Company initiating the notice. Such notice must be received by the other party six months prior to the effective termination date. However, obligations and commitments already contracted for and involving their parties shall be honoured and continued by both parties until such commitments are completed.

In witness whereof, the parties hereto caused this agreement to be executed as 10th day of March, 2014.

KSR Institute for

Engineering and Technology,

Tiruchengode - 637215

Managing Director

ABE Semiconductor Designs,

Chennai - 600 083

WITHESS

PRINCIPAL.

K. S. R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY,

K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

T-PEP Innovation



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MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is made and entered into as of Tuesday, 04th February 2020 between Department of Electronics and Communication Engineering of K S R Institute for Engineering and Technology a reputed educational Institution, located at K S R Kalvi Nagar. Thokkavadi. Tiruchengode - Tk, Namakkal (Dt), Tamil Nadu - 637 215, Tamil Nadu, India and Trusted Portable Electro Point (T-PEP), a company having its Registered office at 108, 1st Floor, Bharathiar Road, Aiswarya Avenue, Ganapathy, Coimbatore-641 006, Tamil Nadu, India wishes to enter into Memorandum of Understanding (MOU) for sharing of experts, training Programme for students and placement guidance of K S R IET, Tiruchengode.

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PRINCIPAL.
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
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WHEREAS,

T-PEP is a corporate product development, solution provider and Technical Support

located in Coimbatore, India. The company inculcates its standard product development in

2015. All our businesses are aligned to our vision.

K S R Institute for Engineering and Technology is a reputed Educational Institution

contributes to the society through pursuit of Engineering education and research at the highest

levels of excellence.

T-PEP represents that it has the personnel and expertise to provide the services required

by KSR Institute for Engineering and Technology in a Professional and confidential manner

specified in this MoU and in any Statement of Services attached here with respect to the

implementation of the Service.

Now, therefore, in consideration of the above and the mutual promises set forth in the

Agreement, the parties agree as follows:

Proposal:

T-PEP has issued a proposal to KSR Institute for Engineering and Technology with

respect to the services required by the Institution.

The representations of the T-PEP in the proposal hereby confirmed by K S R Institute

for Engineering and Technology for the duration of Three years from the date of signing

the MoU. The Proposal incorporated herein is as follows:

I. T-PEP Services to K S R Institute for Engineering and Technology:

> T-PEP agrees to provide services consisting of various tasks with respect to the

development of products and implementation of the technologies covered in the

Professional official curriculum.

> T-PEP will offer valuable Industry Perspective inputs to K S R Institute for Engineering and

Technology in the area of curriculum upgrade and enhancement.

> Two officers nominated by T-PEP shall be constituted to implement and give effect to the

objectives of this MoU.

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K. S. R. KALVIII TIRUGHENGODE-6.

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Page 2 of 4

> T-PEP will assure that any number of Projects will be developed by the company with the support of the Institution based on the Terms and Conditions.

> T-PEP will charge for Tools, Components, Fabrication and Expenditure.

II. KSR Institute for Engineering and Technology services to T-PEP:

> K S R Institute for Engineering and Technology is to provide the necessary infrastructure like computers, Work Bench, R&D Lab, LCD Projectors etc., for Product

Development on campus.

A Co-ordination committee consisting of two faculty members of K S R Institute for

Engineering and Technology.

KSR Institute for Engineering and Technology agrees to grant:

* Permission to organize Workshops, Internship, In-plant Training, Guest Lectures,

Seminars, Value Added Courses, Projects and Faculty Development Programme

on topics related to Contemporary Technologies and Consultancy Work for the

welfare of students and faculty members of the Department of Electronics and

Communication Engineering and other professional activities by T-PEP.

III. Duration of this MoU

It is agreed by K S R Institute for Engineering and Technology and T-PEP that the

terms of this MoU shall be in force for a period of three years effective from the date of this

MoU which may on mutual concern between be extended for further periods on such terms as

agreed mutually.

IV. Miscellaneous

Modification of Agreement: Except the above mentioned professional activities, this

Agreement should be modified only by the signed authorities of both the parties.

Financial Terms: This MoU shall not give rise to any financial obligation by one party

to the other.

PRINCIPAL.

K. S. R. INSTITUTE FOR

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K. S. R. KALVI NAGAR.

TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

Page 3 of 4

Confidentiality: Each party shall undertake to observe the confidentiality of the information received from or supplied to the other party during the period of implementation of this MoU.

Assignment: The work may not be assigned to the subcontract, in any manner or any interest without the prior written consent of K S R Institute for Engineering and Technology and T-PEP and any other assignments are so approved shall be considered null and void.

The parties herein now intend to enter into this **MoU** to facilitate the following objectives through orientation and development for their mutual benefit.

V. Dispute Resolution

In the event of any dispute, controversy or claim arising out of or relating to this Agreement or any subsequent amendments to this Agreement including, without limitation, the breach, termination, validity or invalidity thereof, or any non-contractual issues relating to this Agreement, each of the parties will appoint a designated officer to meet for resolving such dispute or to negotiate for an adjustment to such provision.

Signed for and on behalf of

K S R Institute for Engineering and Technology ,

Dr. M. Venkatesan,

Principal,

K S R Institute for Engineering and Technology, KSR Kalvi nagar, Tiruchengode - Tk,

Namakkal (Dt), Tamil Nadu – 637215.

Date: 04.02.2020

Signed for and on behalf of

Trusted Portable Electro Point (T-PEP)

Mr. A. Prabhakaran,

Technical Director,

T-PFP

108, 1st First Floor, Bharathiar Road, Aiswarya Avenue, Ganapathy, Coimbatore, Tamil Nadu - 641 006.

Date: 04.02.2020

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K. S. R. INSTITUTE FOR

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K. S. R. KALVI NAGAR.

TIRUGHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

Page 4 of 4

Enthu Technology Solution India Pvt. Ltd.,



BUDGOTTO AFRICA TAMIL NADU RS-20/
17489 K.S.R. Institute for

Engineering and Technology, 7003/11/80.

2362017 Depotement of E.C.E., 50000-520000



MEMORANDUM OF UNDERSTANDING (MOU)



This Memorandum of Understanding (hereinafter referred to as MoU) is entered between:

Department of Electronics and Communication Engineering, K S R Institute for Engineering and Technology, K S R kalvinagar, Tiruchengode, Namakkal - 637215 as KSRIET – ECE.

and

Enthu Technology Solutions India Pvt. Ltd., with its registered office at 88 & 89, SSN Square, Peelamedu Pudhur, Coimbatore-641004 as Enthu Tech.

Page 1 of 5

PRINCIPAL.
K. S. R. INSTITUTE FOR
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TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

1. Introductory: Partnership Objective

- 1.1. Enthu Technology Solutions India Pvt Ltd-Coimbatore- is a hub for Industrial and Academic Professionals and Students to gain Knowledge on Latest Technologies and Meet the Industry expectations.
- 1.2. K S R Institute for Engineering and Technology is an emerging College in Namakkal and offers quality education through improved teaching learning process and excellent infrastructure & facilities.
- The Parties wish to cooperate with each other for mutual benefits.

2. Benefits

2.1. The Parties contemplate that they will benefit from this alliance as follows:

2.2. Benefits to KSRIET

- 2.2.1. Opportunity to engage with the Industry on a regular basis to understand the needs of the industry and accordingly prepare the students as industrial ready through value addition course.
- 2.2.2. Opportunity to upgrade the infrastructure in Signal & Image Processing, Embedded Domain and other technology-related topics.
- 2.2.3. Opportunity to collaborate with the industry for research programmes, projects and student internships in the above fields.
- 2.2.4. Promote the knowledge level of Faculty through Faculty development programs and Research Projects.
- 2.2.5. Strengthening the brand equity of the institution.
- 2.2.6. Improved marketability of students.

2.3. Benefits to Enthu Tech

- 2.3.1. Sets a framework for the procurement of the industry standard hardware and software tools marketed by Enthu Tech.
- 2.3.2. Makes available a pool of trained engineers for hiring by Enthu Tech or Enthu Tech's customers who use similar software and hardware.

Page 2 of 5

PRINCIPAL.

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- 2.3.3. Helps in proliferating Enthu Tech's goal in the field of Embedded, Signal and Image Processing Technologies.
- 2.3.4. Support for conducting Value Added Course / Workshop for other participates.

Activities

- 3.1. In order to implement the objectives of this MOU, the Parties contemplate the following activities to be undertaken by them.
 - 3.1.1. KSRIET ECE shall, from time to time, place orders for and purchase one or more of Enthu Tech's hardware, software and/or Training products. A current list of such products will be sent on demand for setting up Embedded and Signal & Image Processing lab. Subject to Enthu Tech's terms of supply and any third party terms of service, license agreements or other contracts, Enthu Tech shall supply such products to KSRIET-ECE at discounted rates. These discounts are available for the next three year from the date of signing this agreement.
 - 3.1.2. Enthu Tech will set up Centre of excellence or Nodal Centre for Project Based Learning Labs. Enthu Tech will help KSRIET-ECE to impart certified training programs for students. The students will benefit from this by holding a course completion certificate and project completion certificate which will help them to get the placement in reputed companies.
 - 3.1.3. Enthu Tech will offer faculty development programs at KSRIET ECE in regular intervals on Embedded, Signal & Image processing domain and other recent research topics of interest at affordable concession.
 - 3.1.4. Enthu Tech will offer advanced training programs to students of KSRIET - ECE on emerging technologies to get them familiar with the skills required by the industry. Such training programmes shall be provided by Enthu Tech at affordable rate.
 - 3.1.5. Enthu Tech will offer valuable Industry Perspective inputs to KSRIET ECE in order to fill the curriculum gap to meet industrial standards.
 - 3.1.6. Enthu Tech may consider offering internships to KSRIET ECE students and may provide assistance in getting internships and placement to students with some of its large customers.

Page 3 of 5

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K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

3.2. A co-ordination committee consisting of two faculty members of KSRIET-ECE and two officers nominated by Enthu Tech shall be constituted to implement and give effect to the objectives of this MOU.

Process

Every time an activity is initiated under this MOU which requires any rendering of services or supply from one Party to another. The Parties shall, depending on the nature of the transaction, the consideration reserved, liabilities assumed and such other factors, execute a binding purchase order (PO), work order (WO), license agreement or other definitive contract.

5. General

- 5.1. During their interaction under this MOU, the Parties may disclose information of a non-public nature which is valuable to each Party's business ("Confidential Information"). Use of Confidential Information shall be regulated by a non-disclosure agreement to be executed by the Parties. In the absence of such an NDA, the Party who is the recipient of Confidential Information shall keep confidential and not disclose to third parties. All Confidential Information shall remain the exclusive property of the disclosing party or its licensors.
- 5.2. All rights, licenses and permissions to use any products supplied by Enthu Tech shall be regulated by the terms of such supply, including any applicable product license agreements.
- 5.3. Notwithstanding anything to the contrary, Enthu Tech's liability shall be limited to direct damages not exceeding the price of any products supplied or services rendered to KSRIET-ECE and shall not extend to any indirect damages of any nature whatsoever, including but not limited to, special, incidental, consequential, or punitive damages or loss of profits.
- 5.4. This MOU may be terminated by either party without assigning reasons by prior written notice of 30 days.
- 5.5. Each Party shall take specific permission to use the name, logo and other trademarks of the other Party on its website, marketing collateral and other publications. Depiction of such trademarks shall be in accordance with trademark usage guidelines.
- 5.6. Each Party shall be an independent contractor to the other and shall not be an agent, joint venture, or partner of the other.

Page 4 of 5

Disputes under this MOU shall be resolved by discussion between such senior management functionaries as the Parties may nominate for that purpose. If they fail to resolve a dispute amicably within 15 days of its commencement, the Parties shall refer the dispute to binding arbitration to a sole arbitrator at a place mutually agreed upon by both parties.

6. Schedule of Activities:

Centre of Excellence on Signal & Image Processing (SIP)

Month	Activity	Contribution from Enthu Tech
July	Inauguration of centre of Excellence on SIP	InaugurationTechnical TalkDiscussion
September	Workshop on Signal & Image Processing using MATLAB	 Introduction Tools learning Hands on Project Ideas
January	Value Added Course on Internet of Things Advanced	 Group Formation Product Idea Discussion Design Overview
February	Research opportunities on Signal & Image processing	Technical talkResearch ideasOpen Discussion

Signature

Name Moorthi

Dr.R.Nandakumar

Dr.M. Venkatesan

Kanagaraj Designation

Director-Business

Professor & Head Principal

Development

ECE, KSRIET

Organization

Enthu Tech

KSRIET

Date

07-07-2017

07-07-2017

07-07-2017

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PRINCIPAL. K. S. R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY, K. S. R. KALVI NAGAR. TIRUGHENGODE 637 215,

NAMAKKAL DI, TAMIL NADU.

AVATAR Academy



MEMORANDUM OF UNDERSTANDING (MOU)



KSR Institute for Engineering and Technology

and



Avatar Academy - Networking & Security

This is an Memorandum of Understanding between the K S R Institute for Engineering and Technology having registered office at K.S.R. Kalvi nagar, Tiruchengode, Namakkal – 637215 and the Avatar Academy – Networking & Security having their registered office at Near Collector office, No: 3/1, 1st Floor, Buddhar Street, Teachers Colony, Erode – 638011.

Page 1 of 4

PRINCIPAL

K. S. R. INSTITUTE FOR

ENGINEERING AND TECHNOLOGY,

K. S. R. KALVI NAGAR,

TIRUCHENGODE-637 215,

NAMAKKAL DI, TAMIL NADU.

I. PURPOSE and SCOPE

The purpose of this MOU is to clearly identify the roles and responsibilities of each party as they relate to the implementation of the Avatar Academy – Networking & Security placement training at K S R Institute for Engineering and Technology. The Avatar Academy – Networking & Security is intended to provide placement training to K S R Institute for Engineering and Technology students through real-time networking Cisco devices. To support this goal, K S R Institute for Engineering and Technology and Avatar Academy –Networking & Security will work together to conduct training program that meets students technical knowledge in networking and security domain.

In particular, this MOU is intended to establish clear guidelines regarding the training program that will be conducted at the premises of the KSR Institute for Engineering and Technology.

II. BACKGROUND

The Avatar Academy –Networking & Security will provide placement training for the students which will enhance their ability to meet the MNC Company's requirements in the networking and security technologies.

III. K S R Institute For Engineering And Technology Responsibilities under this MOU

KSR Institute for Engineering and Technology shall undertake the following activities:

- Provide interested students for training at regular interval.
- Provide classrooms and labs as required.
- Allow installation of network devices in Network Lab in department of ECE.

Page 2 of 4

PRINCIPAL.

K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAIMIL NADU.

IV. AVATAR ACADEMY RESPONSIBILITIES UNDER THIS MOU

Avatar Academy -Networking & Security shall undertake the following activities:

- Provide networking & Security training Course: Cisco CCNA-R&S in 84 hours (2 hours/day).
- Provide equipments required to complete the project.
- Be in attendance for any events coordinated through this partnership.
- Verify hours completed by each K S R Institute for Engineering and Technology participants.
- Complete an evaluation of each K S R Institute for Engineering and Technology participants.
- Course completion certificate provide to participants.

VI. FUNDING

This MOU include the exchange of funds between K S R Institute for Engineering and Technology and Avatar Academy – Networking & Security.

From the total collected training fee amounts, 20% of the amount will be provided to the KSR Institute for Engineering and Technology.

Training Fee

: Rs. 4,000/- (Per Student)

VII. RECORD RETENTION

All records must be retained for one (1) year following this event. This requirement applies to all information regarding this Program. Supporting documentation may be kept at the Avatar Academy – Networking & Security and must be available for review for one (1) year from the date of MOU.

PRINCIPAL.
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR
TIRUOHENGODE 6.3 245,
NAMAKIKAL DI, TAMIL NADA

Page 3 of 4

VIII. EFFECTIVE DATE AND SIGNATURE

This MOU shall be effective upon the signature of authorized officials of K S R Institute for Engineering & Technology and Avatar Academy – Networking & Security. It shall be in force from 10th day of February 2016.

Contact Details:

K S R Institute for Engineering and Technology, K S R Kalvi Nagar, Tiruchengode – 637 215, Namakkal (Dt.), Tamil Nadu, India Contact No.: 04288 – 274773

Contact Details:

Avatar Academy–Networking & Security, Near Collector office, No: 3/1, 1st Floor, Buddhar Street, Teachers Colony, Erode – 638 011, Tamil Nadu, India Contact No.: +91 94436 96028

Signed hereby:

For K S R Institute for Engineering and Technology

For Avatar Academy – Networking & Security

0/02/16 Date

Signature

Dr. M. Venkatesan,
Principal,
K S R Institute for
Engineering and Technology

P.K. Amarnath.

Operations Head & Consultant,
Avatar Academy – Networking &
Security

PRINCIPAL.

K. S. R. INSTITUTE FOR

ENGINEERING AND TECHNOLOGY,

K. S. R. KALVI NAGAR.

TIRUGHENIGODE 637 215,

NAMARINALIDE TRADE, NAMARINALIDE, TRADE, NAME, NAM

Page 4 of 4

United Manufacturing India



20/8/19. KS.R. Institute for Engineering and Technology, Grand Tomm

KS R INSTITUTE FOR ENGINEERING AND TECHNOLOGY DEPARTMENT OF MECHANICAL ENGINEERING MEMORANDUM OF UNDERSTANDING (MOU)

This Memorandum of Understanding is between Department of Mechanical Engineering, KSR Institute for Engineering and Technology (KSRIET) having registered office at K.S.R. Kalvi nagar, Tiruchengode, Namakkal – 637215 and UNITED MANUFACTURE INDIA having their registered office at "No 516/228 D,Annapuram Junction Main Road, Five Road, Salem – 636004" Tamilnadu, India" for projects, training Programme for students and placement guidance KSRIET, Tiruchengode.

IMPORTANT

K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215 there is no legal binding.

K. S. R. INSTITUTE FOR

ENGINEERING AND TECHNOL

INTRODUCTION

The need for MOU with UNITED MANUFACTURE INDIA is to bridge the gap between institution and industries. The main purpose for this MOU is to make the teaching faculty and students familiar with the concepts of software packages.

TERMS OF UNDERSTANDING

The understanding shall be in effect as of the date signed by both parties and shall remain in effect for a period of Three years and can be renewed with mutual consent thereafter.

AREAS OF COLLABORATION

MOU between KSRIET & UNITED MANUFACTURE INDIA will be on the following areas

- Project support for Student's
- 2. Internship and Inplant training
- 3. Placement assistance for students
- 4. Collaborative Research work

with clear individual roles as below

ROLE OF KSRIET

- Reg Project Support for Students-KSRIET Students can use the Facilities of UNITED MANUFACTURE INDIA for their projects
- Reg. Internship and Inplant Training: KSRIET students can undergo Internship
 and inplant training in UNITED MANUFACTURE INDIA to get the industrial
 exposure during their academics
- Reg. Placement:- KSRIET students can get the placement assistance from UNITED MANUFACTURE INDIA for those who are eligible
- Reg. Collaborative Research Work The Faculty and students can use the facility
 of UNITED MANUFACTURE INDIA for Design and Fabricate the setup for
 research work

ROLE OF UNITED MANUFACTURE INDIA

Reg. Project Support- UNITED MANUFACTURE INDIA will offer free idea and technical support to make students to finish their projects

| Paid | Pa

K S.R. INSTITUTE FOR ENGINEERING AND TECHNOLOG K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

- Reg. Internship and Inplant TrainIng:- and UNITED MANUFACTURE INDIA will provide the opportunity for students to undergo the internship and Inplant training
- 3. Reg. Placement UNITED MANUFACTURE INDIA will offer job opportunity for students those who meet the requirement
- Reg Collaborative Research work UNITED MANUFACTURE INDIA will help KSRIET through their facility for making the prototype for research thereby getting the funding proposal

Signed hereby:

For KSR Institute for Engineering and Technology

FOR UNITED MANUFACTURE INDIA

Name: Dr.M.Venkatesar

Designation: Principal Date: 21.08.2019 Place: Tiruchengode Name: Dr.A.S.Matheswaran

Designation: Managing Director

PŘINCIPAL.
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU."

Date: 21.08,2019 Place: Tiruchengode

SMW Hydraulics



20/8/19. K.S.R. Enstitute for Ensineering and Technology,

200

KS R INSTITUTE FOR ENGINEERING AND TECHNOLOGY DEPARTMENT OF MECHANICAL ENGINEERING MEMORANDUM OF UNDERSTANDING (MOU)

This Memorandum of Understanding is between Department of Mechanical Engineering, KSR Institute for Engineering and Technology (KSRIET) having registered office at K.S.R. Kalvi nagar, Tiruchengode, Namakkal – 637215 and SMW HYDRAULICS INDIA having their registered office at "Selamba Goundenpalayam. Thottipalayam, Bhavani, Erode-638102, Tamil Nadu, India" Tamilnadu, India" wishes to enter into Memorandum of Understanding (MOU) for sharing of experts, training Programme for students and placement guidance KSRIET, Tiruchengode.

PRINCIPAL.

K. S. R. INSTITUTE FOR

ENGINEERING AND TECHNOLOGY,

K. S. R. KALVI NAGAR,

K. S. R. KALVI NAGAR,

TIRUCHENGODE-637 215,

NAMAKKAL DI, TAMIL NADU.

IMPORTANT

This MOU is a guideline for a mutual working arrangement based on mutual trust and there is no legal binding.

INTRODUCTION

The need for MOU with SMW HYDRAULICS INDIA is to bridge the gap between institution and industries. The main purpose for this MOU is to make the teaching faculty and students familiar with the concepts of software packages.

TERMS OF UNDERSTANDING

The understanding shall be in effect as of the date signed by both parties and shall remain in effect for a period of Three years and can be renewed with mutual consent thereafter.

AREAS OF COLLABORATION

MOU between KSRIET & SMW HYDRAULICS INDIA will be on the following areas

- 1. Internship and Inplant training
- Consultancy
 with clear individual roles as below

ROLE OF KSRIET

- Reg. Internship and Inplant Training: KSRIET students can undergo Internship and inplant training in SMW HYDRAULICS INDIA to get the industrial exposure during their semester break
- Reg. Consultancy:- KSRIET have to complete the job order in assigned period to make SMW HYDRAULICS INDIA serve its customer better. And by that students get exposure in operating CNC making with industrial Jobs

ROLE OF SMW HYDRAULICS INDIA

 Reg. Internship and Inplant Training:- SMW HYDRAULICS INDIA will provide the opportunity for students to undergo the internship and applant training

PRINCIPAL.

K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI. TAMIL NADU.

2. Reg. Placement : SMW HYDRAULICS INDIA will give the assigned number of job order per month

Signed hereby:

For KSR Institute for Engineering and Technology

For SMW HYDRAULICS INDIA

Name: Dr.M.Venkatesan

Designation: Principal
Date: 21.08.2019
Place: Tiruchengode

Name: Mr.C.SELAMBESWARAN

Designation: Managing Director

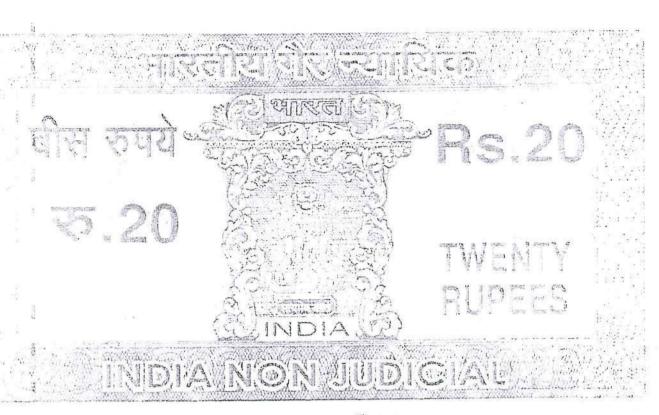
Date: 21.08.2019 Place: Tiruchengode

PRINCIPAL.

K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,

K. S. R. KALVI MAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

United CADD Solution Pvt. Ltd.,



20/2/19. K.S.R. Institute for Engineering and Technology,
Tiruchensock.

ID TECHNOLOGY

KS R INSTITUTE FOR ENGINEERING AND TECHNOLOGY DEPARTMENT OF MECHANICAL ENGINEERING MEMORANDUM OF UNDERSTANDING (MOU)

This Memorandum of Understanding is between Department of Mechanical Engineering, KSR Institute for Engineering and Technology (KSRIET) having registered office at K.S.R. Kalvi nagar, Tiruchengode, Namakkal – 637215 and UNITED CADD SOLUTIONS PVT LTD having their registered office at "No 516/228 D,Annapuram Junction Main Road, Five Road, Salem – 636004" Tamilnadu, India" for sharing of experts, training Programme for students and placement guidance KSRIET, Tiruchengode.

IMPORTANT

This MOU is a guideline for a mutual working arrangement based and which the shock of there is no legal binding.

K. S. R. INSTITUTE FOR

TIRUCHENGOLOGY,

NAMAKKAL DI, TAMIL NADU.

INTRODUCTION

The need for MOU with UNITED CADD SOLUTIONS PVT LTD is to bridge the gap between institution and industries. The main purpose for this MOU is to make the teaching faculty and students familiar with the concepts of software packages.

TERMS OF UNDERSTANDING

The understanding shall be in effect as of the date signed by both parties and shall remain in effect for a period of Three years and can be renewed with mutual consent thereafter.

AREAS OF COLLABORATION

MOU between KSRIET & UNITED CADD SOLUTIONS PVT LTD will be on the following areas

- 1. Training
- 2. Project support for Student's
- 3. Internship and Inplant training
- 4. Placement assistance for students with clear individual roles as below

ROLE OF KSRIET

- Reg. training:- KSRIET shall organize the training for students in association with UNITED CADD SOLUTIONS PVT LTD
- 2. Reg. Project Support: Students of KSRIET can get the expertise support for doing the project
- Reg. Internship and Inplant Traing: KSRIET students can undergo Internship and inplant training in UNITED CADD SOLUTIONS PVT LTD to get the industrial exposure during their academics
- Reg. Piacement:- KSRIET students can get the placement assistance from UNITED CADD SOLUTIONS PVT LTD for those who successfully complete the training program conducted.

ROLE OF UNITED CADD SOLUTIONS PVT LTD

1. Reg. Training:- UNITED CADD SOLUTIONS PVT LTD will install the latest software in KSRIET laboratory and make the students to train in the software

PRINCIPAL.

K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

- Reg. Project Support: UNITED CADD SOLUTIONS PVT LTD will offer free idea and technical support to make students to finish their projects
- Reg. Internship and Inplant Traing:- UNITED CADD SOLUTIONS PVT LTD will provide the opportunity for students to undergo internship and Inplant training
- Reg. Placement: UNITED CADD SOLUTIONS PVT LTD will offer job opportunity for students those who meet the requirement

Signed hereby:

For KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY

For UNITED CADD SOLUTIONS PVT LTD

Name: Dr.M.Venkatesan

Designation: Principal

Date: 21.08.2019

Place: Tiruchengode

Name: Dr.A.S.Matheswaran

Designation: Managing Director

Date: 21.08.2019

Place: Tiruchengode

PRINCIPAL.

K. S. R. INSTITUTE FOR

ENGINEERING AND TECHNOLOGY,

K. S. R. KALVI NAGAR,

TIRUCHENGODE-637 215,

NAMAKKAL DI, TAMIL NADU.

18 December 2020

Santhosh Kumar A 176/A, Sri Laxmi Building, Chinnamuthu Second Street, Frode

Dear Santhosh Kumar A,

Offer of Internship Letter

With reference to your application and the subsequent discussions you've had with us, we are pleased to offer you the position of Intern subject to your compliance with our terms and conditions of employment.

For the first six months of your internship you will be paid the stipend of Rs.11,000/- per month (Rupees Eleven Thousand only / Per Month). You will be confirmed as Full Time Employee upon performance review after the successful completion of Internship and Training period after which you will be paid a CTC of Rs.3,25,000/- per annum (Rupees Three Lakhs Twenty Five Thousand).

You are required to join us on December 28, 2020.

This offer is subject to us receiving a confirmation from your end within 1 day from the date of this offer.

This offer stands withdrawn thereafter, unless the date is extended by a written communication.

Kindly ensure all documents as specified in the Annexure A are submitted on the date of your joining. This offer is not valid in the event of non-submission of the requisite documents.

The place of your initial posting will be Coimbatore. However, you are liable to be transferred to any location of the company, within the group, based on the organization requirement.

We welcome you to Augusta Hitech Soft Solutions Pvt. Ltd. and look forward to a long and mutually beneficial association.

For Augusta Hitech Soft Solutions Pvt. Ltd.,

Giridhar Menon Lead HRBP

Laccept the offer extended and confirm my date of joining as 28: / 12 / 2020 (DD/MM/YYYY)

A SANTHOSH KUMAR

Candidate Name

Candidate Signature

K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI HAGAH,
TIRUCKENGODE - 687 218,
NAMARKAL D. TAMIL NADU.



May 2, 2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Santhosh kumar, BE/B.Tech student of KSR Institute for Engineering and Technology, can do an internship from May 8, 2020 to July 9, 2020 at Virtusa Consulting Services Pvt. Ltd. (Unit - I), India.

At the time of Joining, the following will be applicable,

Designation : Intern-Technology

· Tier: Tier 5

Sincerely,

Sundararajan Narayanan

N. Sundasalpi-

Chief People Officer & Global Head Of Human Resources

Virtusa Consulting & Services Ltd.

Offer electronically accepted by: R, Santhosh Kumar Offer electronically accepted on: May 3, 2020 7:06 AM Offer electronically accepted from: 157.46.8.157

https://virtusa.taleo.net/careersection/careersection/offers/staticEOfferAccepted.jsf

K. S. R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY, K. S. R. KALVI MAGAR, TIRUCHENGODE - 637 215, NAMAKKAL DI, TAMIL NADU.



March 20, 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Santhosh Kumar R, Information Technology student of K.S.Rangasamy Institute for Engineering and Technology, can do an internship from March 22, 2021 to May 14, 2021 at Virtusa Consulting Services Private Limited, India.

At the time of Joining, the following will be applicable,

Designation : Intern-Delivery

· Tier: Tier 5

Sincerely,

Sundararajan Narayanan

N. Sundavalp-

Chief People Officer & Global Head Of Human Resources

Virtusa Consulting Services Private Limited, India

PKINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE - 637 215,
MANAGCAL DI, TAMIL NAGO.



Red Hat, Inc. hereby certifies that

K. G. LAVANYA

has successfully completed all the program requirements and is certified as a

RED HAT CERTIFIED SYSTEM ADMINISTRATOR

Red Hat Enterprise Linux 8

RANDOLPH R. RUSSELL

DIRECTOR, GLOBAL CERTIFICATION PROGRAMS

DECEMBER 13, 2019 - CERTIFICATION ID: 190-323-394

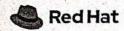
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RED HAT CERTIFIED

SYSTEM ADMINISTRATOR

Red Hat

PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL DI, TAHIL NADU.



Red Hat, Inc. hereby certifies that

M.VIMALADEVI

has successfully completed all the program requirements and is certified as a

RED HAT CERTIFIED SYSTEM ADMINISTRATOR

Red Hat Enterprise Linux 8

RANDOLPH R. RUSSELL

DIRECTOR, GLOBAL CERTIFICATION PROGRAMS

DECEMBER 13, 2019 - CERTIFICATION ID: 190-323-345

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RED HAT CERTIFIED

SYSTEM ADMINISTRATOR

Red Hat

PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE - 637 215,
HAMAKKAL DI, TAMIL NADU.

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY, TIRUCHENGODE – 637 215 Department of Computer Science and Engineering

Academic Year: 2019-20

Semester: EVEN

DATE: 05.11.2019

CIRCULAR

It is planned to conduct value added course on 'Redhat Linux Certification for System Administration for Second year students. The session will be handled by Dr.M.Vimaladevi Associate professor/CSE and Mr.V.Gopinath Assistant Professor/CSE, KSR Institute for Engineering and Technology during 11.11.2019 to 15.11.2019. All the students are asked to attend the session and make use of it.

COURSE COORDINATOR

11/2019

[Dr.M.VIMALADEVI, ASP/CSE

Mr.V.GOPINATH, AP/CSE]

VAC COORDINATOR

[Mr.V.PRAKASHAM, AP/CSE]

HOD/CSE

[Dr. B.KALAAVATHI]

Circulated to

1. II Year class,

2. II Year CA's

Dr., M. VENKATESAN, M.E., Ph.D.,
PRINCIPAL.
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K.S.R. KALVI NAGAR.
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY Tiruchengode - 637215



(Approved by AICTE, New Delhi and Affiliated by Anna University, Chennai)
All UG programs are Accredited by NBA

Department of Computer Science and Engineering

Organizes

Value Added Course

on

RedHat Linux Certification for System Administration

ACADEMIC YEAR:2019-2020 BATCH: 2018-2022

Topics to be Covered				
Module 1	Get started with Red Hat Enterprise Linux			
Module 2	Managing Files from the Command Line			
Module 3	Manage local users and groups			
Module 4	Managing RHEL Networking			
Module 5	Accessing Linux File-systems			

DATE: 11.11.2019 to 15.11.2019

Time: 10.00 AM to 4.00 PM

Dr., M. VENKATESAN, M.E., Ph.D.,
PRINCIPAL.
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K.S.R. KALVI NAGAR,
TIRUCHENGODE-637 215,



K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Tiruchengode, Namakkal – 637215 (Accredited by NBA, Affiliated to Anna University, Chennai) Department of Computer Science and Engineering

ACADEMIC YEAR 2019-20

VALUE ADDED COURSE ON "REDHAT LINUX CERTIFICATION FOR SYSTEM ADMINISTRATION"

SYLLABUS

The course covers the topics you need to review for the Network Virtualization exam including:

Module 1: Get started with Red Hat Enterprise Linux

7

Describe and define open source -Linux distributions-Red Hat Enterprise - Access the command line - Introduction to the command line- Log into a Linux system and run simple commands using the shell-Get help in Red Hat Enterprise Linux- Resolve problems by using local help systems.

Module 2: Managing Files from the Command Line

7

Recognize and Find Familiarity in a File-system Tree - Copy, move, create, delete, and organize files while working from the bash shell - Manage text files from command output or in a text editor - Introduction to Different types of Data in Separate System Directories.

Module 3: Manage local users and groups

7

Create, manage, and delete local users and groups- Create, manage, and delete administer local password policies- Control access to files - Set Linux file system permissions on files- Interpret the security effects of different permission settings.

Module 4: Managing RHEL Networking

7

Fundamental Concepts of Computer Networking- Monitor and manage Linux processes -RHEL Networking- Evaluate and control processes running on a Red Hat Enterprise Linux system -File system using RHEL- Control services and daemons

Dr., M. VENKATESAN, M.E., Ph.D.,
PRINCIPAL.
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K.S.R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

Module 5: Accessing Linux File-systems

Access, inspect, and use existing file systems on storage attached to a Linux server- Analyze servers and get support-Investigate and resolve issues in the web-based management interface - Download, install, update, and manage software packages from Red Hat and yum package repositories- Recognizing the scope of Exceptions.

COURSE COORDINATOR

[Dr.M.VIMALADEVI, ASP/CSE

Mr. V. GOPINATH , AP/CSE]

Total: 34 Hours

VAC COORDINATOR

[Mr.V.PRAKASHAM, AP/CSE]

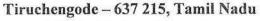
HOD/CSE

[Dr. B.KALAAVATHI]

Dr., M. VENKATESAN, M.E., Ph.D., PRINCIPAL,

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY, K.S.R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Affiliated to Anna University

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



ACADEMIC YEAR 2019-20

VALUE ADDED COURSE ON "REDHAT LINUX CERTIFICATION FOR SYSTEM ADMINISTRATION"

Duration: 11.11.2019 to 15.11.2019

Session Details

S. N	Date	Day	Session 1 10 to 11.30AM	Session 2 11:45AM to 1PM	Session 3 2PM to 4PM	Resource Person
1	11.11.19	Monday	Get started with Red Hat Enterprise Linux Describe and define open source Linux distributions Red Hat Enterprise Linux.	Access the command line Introduction to the command line Log into a Linux system and run simple commands using the shell.	Get help in Red Hat Enterprise Linux Resolve problems by using local help systems.	Dr.M.VIMALADEVI
2	12.11.19	Tuesday	Managing Files from the Command Line Recognize and Find Familiarity in a File-system Tree	Copy, move, create, delete, and organize files while working from the bash shell Manage text files from command output or in a text editor.	Introduction to Different types of Data in Separate System Directories.	Dr.M.VIMALADEVI
3	13.11.19	Wednesday	Manage local users and groups Create, manage, and delete local users and groups Create, manage, and delete administer local password policies.	Control access to files Set Linux file system permissions on files or Control access to files	• Interpret the security effects of different permission settings.	Dr.M.VIMALADEVI
4	14.11.19	Thursday	Managing RHEL Networking Fundamental Concepts of Computer Networking Monitor and manage Linux processes	RHEL Networking Evaluate and control processes running on Red Hat Enterprise Linger, March EN	File system using RHEL Control services and daemons ATESAN, M.E., Ph.D., RINCIPAL.	

K S R INSTITUTE TO A CONTROL OF THE CHILD OF

5	15.11.19	Friday	Accessing Linux File-systems • Access, inspect, and use existing file systems on storage attached to a Linux server.	 Analyze servers and get support Investigate and resolve issues in the web-based management interface 	 Download, install, update, and manage software packages from Red Hat and yum package repositories Recognizing the scope of Exceptions 	Mr. V.GOPINATH
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[Dr.M.VIMALADEVI ASP/CSE

Mr.V.GOPINATH, AP/CSE]

[Mr.V.PRAKASHAM, AP/CSE]

[Dr. B.KALAAVATHI]

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY, K.S.R. KALVI NAGAR.

TIRUCHENGODE 637 215, NAMAKKAL DI, TAMIL NADU.



KSR INSTITUTE FOR ENGINEERING AND **TECHNOLOGY**

Tiruchengode-637215

Batch: 2018-2022

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2019-20

Value Added Course on "REDHAT LINUX CERTIFICATION FOR SYSTEM ADMINISTRATION"

Attendance

13-11-19 11-11-19 12-11-19 14-11-19 15-11-19 S. Register Student Name

No Number FN FN AN FN FN AN AN AN AN 1. 731618104001 P P P P P AARTHI M P P P P P 2. 731618104003 **BALAJIS** P P P P P P P P P P BHUVANSHANKAR 3. P P p P 731618104004 P P P P P CHENNAKRISHNA 4 P P P P P P P P 731618104005 P P NS 5. P 731618104006 DEVA PRASATH V P P P P P P P P P 6. 731618104007 DHANUSHIYA V P P P P P P P P P P **GOKULAKRISHNA** 7. 731618104010 P P P P AB AB P NB 8. P P P P P P P P P P 731618104011 **GOWSALYA G** 9. 731618104012 GOWSIKAN R P P P P P P P P P P 10. 731618104013 HARI BILGATES S P P P P P P P P P P HEMALATHA DEVI 11. 731618104014 P P P P P P P P 12. P P P P P P p P P P 731618104015 ISHWARYA R 13. 731618104016 P P AB AB P P P P P P JAILLESH K JAYAC 14. P P P P P P P P P 731618104017 **KEERTHTHANAS** P 15. 731618104019 D P P P P P JOTHIVEL D

Dr., M. VENKATESAN, M.E., Ph.O. PRINCIPAL KSRMSTITULY FOR

CHNOLOGY, MANGEN MANG ENGINEERING AND K.S.R. KALVINAGAR, TIRUCHENGODE-637 215, NAMAKKAS DI, MINIL NADU.

16.	731618104020	KAMAL G	P	P	P	P	P	P	P	P	P	P
17.	731618104021	KAVIN M	P	P	P	P	P	P	P	Р	P	P
18.	731618104022	KAVIYA S	P	P	P	P	P	Р	P	P	P	P
19.	731618104023	KAVIYA PRIYADHARSHINI M	P	P	P	P	P	Р	P	P	Р	P
20.	731618104025	KIRUTHIKA S	P	P	P	P	P	P	P	P	P	P
21.	731618104027	MAHESH KUMAR K S	P	P	P	P	P	P	P	P	P	P
22.	731618104028	MUTHUSELVI A	P	P	P	P	P	P	P	P	P	P
23.	731618104029	NAVEEN A	P	P	P	P	P	P	P	P	P	(D)
24.	731618104030	POOVENDIRAN G	P	P	P	P	P	P	P	P	P	P
25.	731618104031	PRANESHKUMAR B	P	P	P	P	P	P	P	P	P	P
26.	731618104032	RAJKUMAR S	P	P	P	P	P	P	P	P	P	P
27.	731618104033	RESHMA R	P	Р	Р	Р	P	P	P	P	P	P
28.	731618104035	SHARMILA R	Р	P	P	P	P	P	P	P	P	P
29.	731618104036	SOUNDARYA C	Р	P	P	P	P	P	P	P	P	P
30.	731618104037	SOUNDARYA G G	P	Р	P	P	Р	P	P	P	P	P
31.	731618104038	SRIJA M	P	P	P	P	Р	P	P	P	P	P
32.	731618104039	SUBASH S	P	P	P	P	P	P	Р	P	P	P
33.	731618104040	SUDERSAN A	P	P	P	P	P	P	AB	AB	P	P
34.	731618104041	SURENDHIRAN S	P	P	P	P	P	P	P	P	P	
35.	731618104042	SUSHMA R	P	P	P	P	P	P	P	P	Р	P
36.	731618104043	VENKATESH V	P	P	P	P	P	. P	P	P	P	P
37.	731618104044	VISHNU PRASAD A	P	P	P	P	P	P	P	P	Р	P
38.	731618104045	YOGECH K	P	P	P	P	P	P	P	P	P	P
39.	731618104701	LOGESWARAN M	P	P	P	P	P	P	P	P	P	P

Amaloustu 19

COURSE COORDINATOR

[Dr.M.VIMALADEVI, ASP/CSE

Mr.V.GOPINATH, AP/CSE]

[Mr.V.PRAKASHAM, AP/CSE]

[Dr. B.KALAAVATHI]

Dr., M. VENKATESAN, M.E., Ph.D.,

PRINCIPAL. ENGINEERING AND TECHNOLOGY,

K.S.R HALL NAGAR, TIRUCH: 637:215, Page 94 of 207

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Tiruchengode-637215

B.E / COMPUTER SCIENCE AND ENGINEERING, TIRUCHENGODE ACADEMIC YEAR: 2019-20

BATCH: 2018-22 YEAR / SEM: II/IV

VAC- RedHat Linux Certification for System Administration Student Assessment Report

S.No	Register Number	Student Name	MARKS
1.	731618104001	AARTHI M	46
2.	731618104003	BALAJIS	28
3.	731618104004	BHUVANSHANKAR B	36
4.	731618104005	CHENNAKRISHNAN S	34
5.	731618104006	DEVA PRASATH V	30
6.	731618104007	DHANUSHIYA V	36
7.	731618104010	GOKULAKRISHNAN B	40
8.	731618104011	GOWSALYA G	42
9.	731618104012	GOWSIKAN R	36
10.	731618104013	HARI BILGATES S	32
11.	731618104014	HEMALATHA DEVI P	30
12.	731618104015	ISHWARYA R	30
13.	731618104016	JAILLESH K	38
14.	731618104017	JAYAC KEERTHTHANA S K	28
15.	731618104019	JOTHIVEL D	30
16.	731618104020	KAMAL G	26
17.	731618104021	KAVIN M	30
18.	731618104022	KAVIYA S	38
19.	731618104023	KAVIYA PRIYADHARSHINI M	36

Dr. M. VENKATESAN, M.E., Ph.D., PRINCIPAL, K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY,

K.S.R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

20.	731618104025	KIRUTHIKA S	44
21.	731618104027	MAHESH KUMAR K S	28
22.	731618104028	MUTHUSELVI A	36
23.	731618104029	NAVEEN A	30
24.	731618104030	POOVENDIRAN G	36
25.	731618104031	PRANESHKUMAR B	38
26.	731618104032	RAJKUMAR S	34
27.	731618104033	RESHMA R	48
28.	731618104035	SHARMILA R	42
29.	731618104036	SOUNDARYA C	36
30.	731618104037	SOUNDARYA G G	42
31.	731618104038	SRIJA M	48
32.	731618104039	SUBASH S	36
33.	731618104040	SUDERSAN A	32
34.	731618104041	SURENDHIRAN S	42
35.	731618104042	SUSHMA R	44
36.	731618104043	VENKATESH V	44
37.	731618104044	VISHNU PRASAD A	42
38.	731618104045	YOGECH K	40
39.	731618104701	LOGESWARAN M	46

COURSE COORDINATOR

[Dr.M.VIMALADEVI ASP/CSE

Mr.V.GOPINATH, AP/CSE]

VAC COORDINATOR

[Mr.V.PRAKASHAM, AP/CSE]

HOD/CSE

[Dr. B.KALAAVATHI]

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K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K.S.R. KALVI NAGAR,
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NAMAKKAL DI, TAMIL NADU.



K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Tiruchengode, Namakkal – 637215

(Accredited by NBA, Affiliated to Anna University, Chennai)

Department of Computer Science and Engineering

Academic Year 2019-2020

Value Added Course on "Redhat Linux Certification for System Administration"

Duration: 11.11.2019 to 15.11.2019

FEEDBACK FORM

Tick the Appropriate Columns:

Parameter	Excellent	Very Good	Good	Satisfactory
Content Delivered				
Clarity of Explanation		V	GK.	
Doubt Clarification				
Interactive Teaching				
Program Management				

Partici	ipant Name: Au	Hi. M		
Sugges	stions for Impro	vement:	: Content is clear need more	Ileal
terd	examples	For	accessing file System.	

Signature of the Participant

Dr. M. VENKATESAN, M.E., Ph.D.,
PRINCIPAL,
KSRINSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K.S.R. KALVI NAGAR,

TIRUCHENGODE-637 215, NAMAKKAL Dt, TAMIL NADU.



K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Tiruchengode, Namakkal - 637215

(Accredited by NBA, Affiliated to Anna University, Chennai)

Department of Computer Science and Engineering

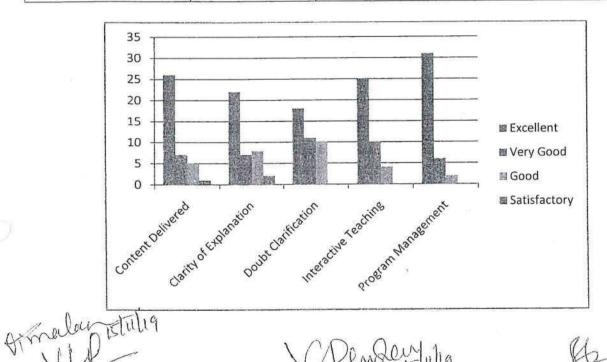
Academic Year: 2019-2020

Value Added Course on "Redhat Linux Certification for System Administration"

Duration: 11.11.2019 to 15.11.2019

CONSOLIDATED FEEDBACK REPORT

Parameter	Excellent	Very Good	Good	Satisfactory
Content Delivered	26	7	5	1
Clarity of Explanation	22	7	8	2
Doubt Clarification	18	11	10	0
Interactive Teaching	25	10	4	0
Program Management	31	6	2	0



COURSE COORDINATOR

[Dr.M.VIMALADEVI , ASP/CSE Mr.V.GOPINATH ,AP/CSE]

VAC COORDINATOR

[Mr.V.PRAKASHAM, AP/CSE]

HOD/CSE "1"

[Dr. B.KALAAVATHI]

Dr. M. VENKATESAN, M.E., Ph.D., PRINCIPAL, K S R INSTITUTE FOR

ENGINEERING AND TECHNOLOGY, K.S.R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL Dt, TAMIL NADU.



K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY TIRUCHENGODE – 637 215 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2019-2020

VALUE ADDED COURSE ON "REDHAT LINUX CERTIFICATION FOR SYSTEM ADMINISTRATION"

SUMMARY

Date: 11.11.2019 to 15.11.2019

Name of the course	Five days Value added course on Redhat Linux Certification For System Administration
Course Contents	> Enclosed
Learning Outcomes	 Students able to understand Redhat Linux Certification For System Administration and to perform essential Linux administration tasks, including installation, establishing network connectivity, managing physical storage, and basic security administration At the end of the course, students able to create, view and edit text files. Students will also be able to Monitor and manage Linux processes.
Program Outcomes & Program Specific Outcomes	PO1,PO2,PO3, PO4,PO5, PO9,PO11,PO12, PSO1, PSO2
Course Convener	Dr. B.KALAAVATHI,HOD/CSE
Course Coordinators	Dr. M.VIMALADEVI Mr. V. GOPINATH, AP/CSE
Resource Persons	Dr. M.VIMALADEVI Mr. V. GOPINATH, AP/CSE
Duration & Dates	Five days & 11.11.2019 to 15.11.2019
Participants	II CSE KSRIET STUDENTS
No of participants	39

COURSE COORDINATOR

[Dr.M.VIMALADEVI , ASP/CSE

 $\mathsf{Mr.V.GOPINATH} \texttt{,AP/CSE}]$

VACCOORDINATOR 1/19

[Mr.V.PRAKASHAM, AP/CSE]

HODICSEN LA [Dr. B.KALAAVATHII] ATESAN, M.E., Ph.D.

Dr., M. VENKATESAN, M.E., Ph.D.,
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ENGINEERING AND TECHNOLOGY,
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TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.



K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE - 637 215

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE - REDHAT LINUX CERTIFICATION FOR SYTEM ADMINISTRATION

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Ms.

AARTHI M

of Second Year has attended Five Days value added course on "REDHAT LINUX CERTIFICATION FOR SYSTEM ADMINISTRATION" organized by the Department of Computer Science and Engineering, KSRVET from 11.11.2019 to 15.11.2019.

Dr., M. VENKATESAN, M.E., Ph.D.

KSRINSTATIFE FOR

ENGINEERING AND TECHNOLOG
K SALPINATION OF 627 245

NAMAKKAL Dt, TAMIL NADU.

Page 100 of 207



August 25, 2020

To Whom It May Concern

This is to certify that **Ms. Tamilarasi S.** who is a student of **B.E (ECE)** has done her Internship at their premises **K.S.R Institute Of Engineering And Technology** under the Guidance of Ms. Jayalakshmi E. The work done by Tamilarasi was commendable, her attitude and conduct during her internship was good.

For Aspire Systems (India) Private Limited

Dinesh Kumar T. K.

HR-VP

dinesh.kumaran@aspiresys.com

PRINCIPAL.

K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

Aspire Systems (India) Private Limited

Registered Office
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Chemnai - 600028, INDIA, Tel. +91-44-67404000, Fax. +91-44-67404234

Head Office

1/D=1, SIPCOT IT PARK, Siruseri, Chennai - 603103,

Tamil Nadu, INDIA: Tel: +91-44-67404000 Fax: +91-44-6740423-

CIN U40300TN1998PTC046943

www.aspiresys.com



August 25, 2020

To Whom It May Concern

This is to certify that Ms. Anisha N.(731616104003) who is a student of B.E (CSE) has done her Internship at their premises K.S.R Institute Of Engineering And Technology under the Guidance of Ms. Jayalakshmi E. The work done by Anisha was commendable, her attitude and conduct during her internship was good.

For Aspire Systems (India) Private Limited

Dinesh Kumar T. K.

HR-VP

dinesh.kumaran@aspiresys.com

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1/D -1, SIPCOT IT PARK, Siruseri, Chennai - 603103, Tamil Nadu, INDIA. Tel. +91-44-67404000 Fax. +91-44-6740423

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October 22, 2020

Mr. Mohanraj Selvaraj K S R Institute for Engineering and Technology

Dear Mohanraj,

SUB: Our offer for the position of Trainee

We are happy to let you know that we are impressed with your credentials and welcome you to the Aspire family. We are certain that you would play a vital role in our growth and success and you will be a valuable addition to our talented team of ASPIRIANs.

We would like you to begin employment with us on 22nd October, 2020 (Thursday). We are glad to inform that the training you had as a part of your CoE was successful and thanks for all your efforts. Your initial training with the Talent Nurturing team and department specific training will be for a maximum period of three months. The salary during training will be Rs.15,000 per month which will be prorated based on your training duration. At the end of both the training period, a formal evaluation of your performance will be made.

You will be inducted as a **Trainee** and your total Cost-to-Company (CTC) will be **Rs.3.00 LPA.** You will also be eligible for a bonus of **Rs.25,000** and this bonus will be payable after completing one month of your service with us and will get credited along with your salary for the consecutive payroll cycle. All remuneration payable to you will be subject to income tax deduction at source and to any other statutory deductions that may be applicable.

Your commencement of employment with us is contingent upon your acceptance of this offer and our terms of employment (Annexure 1). We once again welcome you to share a challenging and mutually rewarding experience at Aspire. Please return the duplicate of this letter duly signed by you.

For Aspire Systems (India) Private Limited

Dinesh Kumar T.K.

Vice President

dinesh.kumaran@aspiresys.com

I hereby accept the offer.

Signature

Name

: Mohanraj Selvaraj

Date

.

Aspire Systems (India) Private Limited 1/D -1, SIPCOT IT PARK, Siruseri, Chennai + 603103, Tamil Nadu, INDIA. Tel: +91-44-67404000 Fax. +91-44-67404234 www.aspiresys.com

K. S. R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY.

K. S. R. KALVI NAGAR.

TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU,



October 22, 2020

Mr. Bharathi Kannan Muruganantham
K S R Institute for Engineering and Technology

Dear Bharathi Kannan,

SUB: Our offer for the position of Trainee

We are happy to let you know that we are impressed with your credentials and welcome you to the Aspire family. We are certain that you would play a vital role in our growth and success and you will be a valuable addition to our talented team of ASPIRIANs.

We would like you to begin employment with us on 22nd October, 2020 (Thursday). We are glad to inform that the training you had as a part of your CoE was successful and thanks for all your efforts. Your initial training with the Talent Nurturing team and department specific training will be for a maximum period of three months. The salary during training will be Rs.15,000 per month which will be prorated based on your training duration. At the end of both the training period, a formal evaluation of your performance will be made.

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For Aspire Systems (India) Private Limited

Dinesh Kumar T.K.

Vice President

dinesh.kumaran@aspiresys.com

I hereby accept the offer.

Signature

:

Name

: Bharathi Kannan Muruganantham

Date

:

Aspire Systems (India) Private Limited 1/D -1, SIPCOT IT PARK, Siruseri, Chennai - 603103; Tamil Nadu, INDIA, Tel: +91-44-67404000 Fax; +91-44-67404234 www.aspiresys.com PRINCIPAL.
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
THRUGHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.



October 22, 2020

Ms. Ilakiya Saravanan K S R Institute for Engineering and Technology

Dear Ilakiya,

SUB: Our offer for the position of Trainee

We are happy to let you know that we are impressed with your credentials and welcome you to the Aspire family. We are certain that you would play a vital role in our growth and success and you will be a valuable addition to our talented team of ASPIRIANs.

We would like you to begin employment with us on 22nd October, 2020 (Thursday). We are glad to inform that the training you had as a part of your CoE was successful and thanks for all your efforts. Your initial training with the Talent Nurturing team and department specific training will be for a maximum period of three months. The salary during training will be Rs.15,000 per month which will be prorated based on your training duration. At the end of both the training period, a formal evaluation of your performance will be made.

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For Aspire Systems (India) Private Limited

Dinesh Kumar T.K. Vice

President

dinesh.kumaran@aspiresys.com

I hereby accept the offer.

Signature

gnature

. 11-

: Ilakiya Saravanan

Name Date

.

PRINCIPAL.
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.



Annexure 1: Terms and Conditions of Employment

- 1. Any information provided by you prior to your employment with us will be subject to background verification. At any point of time, during your services at Aspire Systems, should we find this information inconsistent, your employment with us will be revoked without any prior notice.
- 2. During your employment, you may become aware of information relating to the business of the Company, trade secrets, client names/details and pricing structures. Confidential information remains the sole property of Aspire Systems. You shall not, either during or after your employment, without the prior consent of Aspire Systems, directly or indirectly divulge to any person or use the confidential information for your own or another's benefit. We expect you would not under any circumstance try to start or help any other person start the activities carried on by this company.
- 3. During your services with us, we would expect you not to indulge in any activity or profession, which would prove detrimental to our operations. All software products, systems developed by you during your period of service with the company will be the sole property of the company.
- 4. Aspire will expend substantial time, effort and cost to recruit and train you. Any sudden departure by you definitely has an impact by causing damage and expense to Aspire. Hence, you agree that you have the full intention to serve as an Employee of Aspire for at least THREE years without causing disruption to the services of the company. In case you decide to leave Aspire within the first three years, you will have to pay an amount as outlined in your Employment Agreement and serve appropriate notice period as defined by the company.
- 5. You may from time to time be deputed to work at any of our offices globally or at our client's location within India or abroad. During the deputation, you will also be required to comply with the local laws, ordinances, regulations and codes that govern such countries. In case of failure to do so, you will indemnify the company against any loss or damage that may be sustained due to such failure on your part.
- 6. During the probation and training period, if your performance or conduct is not satisfactory, the company has the right to terminate your services without notice. If you take additional time to complete your training, then there will be no salary paid to you during the additional period.
- 7. Upon confirmation of your employment, the employment contract may be terminated by giving appropriate notice. You are required to continue your services until the end of the notice period. Further, any salaries or any other remuneration due to you will be forfeited should you fail to serve the appropriate notice periods as mentioned above.
- 8. The annual CTC is inclusive of the following components: Basic, FBP components you have opted, Statutory components: PF, ESI, Gratuity, Statutory bonus, what is applicable, Special allowance excluding the above, deductions like Mediclaim, TDS, Lunch, transport and professional tax, whatever is applicable. The break-up of components will be available in the monthly pay slip and reimbursement slips that will be sent to you.
- 9. At Aspire we provide you with wide opportunities to enhance the gamut of your work area and we may in accordance with the same be transferring your services to other departments and you may be assigned any work to test your aptitude during the course of your services.

Aspire Systems (India) Private Limited 1/D -1, SIPCOT IT PARK, Siruseri, Chennai - 603103, Tamil Nadu, INDIA, Tel: +91-44-67404000 Fax +91-44-67404234 www.aspiresys.com PRINCIPAL.
K. S. R. INSTITUTE FOR
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K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.



10. <u>Salary Changes:</u> Your probation is for a period of six months and on successful completion of your probation, you will be confirmed and promoted to "Engineer" and you can refer to the below mentioned table for the same. These salary changes are subject to your performance. For eg: If your date is joining is October 22, 2020, then your salary change with effective dates will be like this:

Duration	Salary (Per Month INR)	Comments
Oct 2020 – Jan 2021 (Three Months max)	15,000	Training period (3 Months Max)
Jan 2021 – Jan 2022 (Next 12 Months)	25,000	Salary gets revised to 25,000
July, 2021	-	Confirmation and Promotion to Engineer
Jan 2022 - Jul 2022 (Next 6 Months)	32,000	Salary gets revised to 32,000
Jul 2022 - Jan 2023 (Next 6 Months)	40,000	Salary gets revised to 40,000
Jan 2023 – Jul 2023 (Next 6 Months)	45,000	Salary gets revised to 45,000
Jul, 2023	45,000+Hike	Alignment with Org Cycle

You will finally be aligned with the regular Organizational cycle and will be covered in the immediate April cycle. This salary hike will be prorated based on the number of months that you have been in the system after the final salary change till April.

- 11. You are governed by the company's policies in vogue from time to time. Your work timings may also be changed depending on the organizational need and your responsibilities.
- 12. The rules and regulations of service of the company that are in force may be framed, amended, altered or extended from time to time. They will govern you in the same form as and when altered or amended.
- 13. Aspire Systems is an equal opportunity employer. We demonstrate respect and provide equal employment opportunities for all employees and applicants for positions regardless of race, color, national origin, political belief, religion, marital or family status, physical or mental disability, gender, sexual orientation, age, or irrelevant (not related to the work to be performed) record of offense. All our decisions will be based on job performance, merit, experience, and qualifications.
- 14. Joining Bonus: The joining bonus allowance will be subject to your continuing services with the organisation for a period of one full year. In the event of your leaving the organisation within that period, such bonus and allowance will be recoverable from you.

I hereby accept the offer terms and conditions.

Signature

:

Name

: Bharathi Kannan Muruganantham

Date

.

PKINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.



ABC INFOMEDIA PRIVATE LIMITED

No:32, Vinayagar Kovil Street, Karungalpalayam, Erode — 638003. Mob: +91 97900 30919, +91 76039 11111 | Ph: 0424 2212 313 Email: support@abcinfomedia.in | Web: www.abcinfomedia.in CIN: U772200TZ2010PTC016531 | GSTIN: 33AAJCA0385Q1ZB

Date: 19/02/2020

To whomsoever it may concern

This is to confirm the participation of internship of S Komathi of KSR Institute of Engineering and Technonoly, for a period of 310 attendance hours with us.

Shegot trained and practiced basic level HTML 5, PHP & MYSQL.

During her internship, her performance and attitude towards getting things done was Sartisfactory.

For ABC INFOMEDIA PVT LTD

K. Karilolly

Director

PRINCIPAL.

K S R INSTITUTE FOR

ENGINEERING AND TECHNOLOGY,

K. S. R. KALVI NAGAR,

TIRUCHENGODE-637 215,

NAMAKKAL BI, TAMIL NADU.



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No:32, Vinayagar Kovil Street, Karungalpalayam, Erode – 638003 Mob : +91 97900 30919, +91 76039 11111 | Ph : 0424 2212 313 Email : support@abcinfomedia.in | Web: www.abcinfomedia.in CIN : U772200TZ2010PTC016531 | GSTIN : 33AAICA038501Z8

Date: 19/02/2020

To whomsoever it may concern

This is to confirm the participation of internship of V Yuvapriyanka of KSR Institute of Engineering and Technonoly, for a period of 272 attendance hours with us.

Shegot trained and practiced basic level HTML 5, PHP & MYSQL.

During her internship, her performance and attitude towards getting things done was Sartisfactory.

FOR ABC INFOMEDIA PVT LTD

K./Canichy

Director

PRINCIPAL.

K S. R. INSTITUTE FOR

ENGINEERING AND TECHNOLOGY.

K. S. R. KALVI NAGAR.

TIRUCHENGODE-637 215,

MAMAKKAL DI, TAMIL NADU.

STATEMENT OF ACCOUNT

:Messrs. THE PRINCIPAL KSR IET-GENERAL

KSR INSTITUTE FOR ENGINEERING AND T

KSR KALVI NAGAR

KUCHIPALAYAM PO TIRUCHENGODE

NAMAKKAL-637215, TAMIL NADU

Branch Code/Name: 751 /THOKKAVADI

Branch Address : LAKSHMI VILAS BANK

KSR COLLEGE, P. GOUNDAMPALAYAM

THOKKAVADI, TIRUCHENGODE TALUK

THOKKAVADI-637209, TAMIL NADU

Branch Felephone: 914288274493 ;

Joint With:

Page Number: 1

Account No : 0751301000154073

Customer ID : 4147310

Product Name : SB OTHERS

Period From : 01/NOV/20

To : 30/NOV/20

IFSC Code : LAVB0000751

BSR Code :

MICR Code : 638056014

Name Currency : INDIAN RUPEES

Customer Care Number: 1800 425 2233

Account Branch Email : Thokkavadi bm@lvbank.in

Trans Date	Value Date	Brn	Description	Ref No	Debit	Credit	Balance	
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Ž			163-DURKADEVI-BKID000				5,05,1505	
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			664-VIMALATHITHAN R-I				7,50,007.00	
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STATEMENT OF ACCOUNT

:Messrs. THE PRINCIPAL KSR IET-GENERAL KSR INSTITUTE FOR ENGINEERING AND T

KSR KALVI NAGAR

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110 of 207

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY, TIRUCHENGODE - 637 215

DEPARTMENT OF ECE

HONORARIUM TO EXPERTS

AICTE Sponsored One Week Online Short Term Training Programme (STTP) on

"Long Range (LoRa) Wireless Area Networks: A futuristic Approach"

Series: 01(19.10.2020 to 24.10.2020)

No.	Details of the Expert	- Date -	Session Time	Amount	Total Amount	: Account Details
1.	Dr. Samikkannu Rajkumar Postdoctoral researcher, Sri Lanka Technological Campus, Sri Lanka.	19.10.20	9.45am to 11.15am	3,750.00	3,750.00	Name: S. RAJKUMAR A/c No: 20365724917 Bank: STATE BANK OF INDIA Branch: ARIYALUR IFSC code: SBIN0000807
2.	Dr. Vinoth Babu Kumaravelu Associate Professor Senior Department of Communication Engineering	19.10.20	11.45am to 1.15pm	3,750.00	8,750.00	Name: K VINOTH BABU, A/C NO: 744668029, Bank: INDIAN BANK,
	School of Electronics Engineering Vellore Institute of Technology, Vellore Tamil Nadu	19.10.20	2.30pm to 4.30pm	5,000.00		Branch: VIT BRANCH, IFSC code: IDIB000V086
2	Mr.S.Karthikeyan	20.10.20	9.45am to 11.15am	3,750.00	7,500.00	Name: DURKADEVI A/C NO: 824310310000850 Bank: BANK OF INDIA Branch: PEELAMEDU IFSC code: BKID0008243
3.	Assistant Manager, Enthu Tech, Coimbatore.	21.10.20	11.45am to 1.15pm	3,750.00	7,300.00	
4.	Mr.G.Gowtham Raj Technical Manager, Enthu Tech, Coimbatore.	20.10.20	11.45am to 1.15pm	3,750.00	3,750.00	Name: POOVIZHI E, A/C NO: 824310110002739 Bank: BANK OF INDIA Branch: PEELAMEDU IFSC code: BKID0008243
		20.10.20	2.30pm to 4.30pm	5,000.00	ARINO BAL R. INSTITUTE ERING AND TO S. R. KALVI S. KALVI S. R. KALVI S. R. KALVI S. KALVI	Name: PRAVEEN KUMAR R
5.	Mr.R. Praveenkumar Senior Technical Engineer,	21.10.20	9.45am to 11.15am	3,750.00		BERK BANK OF INDIA
WE 11	Enthu Tech, Coimbatore.	21.10.20	2.30pm to 4.30pm	5,000.00		Granch: PEELAMEDU

S.No.	Details of the Expert	Date	Session Time	Amount	Total Amount	Account Details	
6.	Mr.Ravikumar Technilab, Bengaluru	22.10.20	9.45am to 11.15am	3,750.00	7,500.00	Name: J.RAVIKUMAR, A/C NO: 009110011305287 Bank: ANDHRA BANK (UNION BANK OF INDIA)	
100	recinitab, bengaluru	22.10.20	11.45am to 1.15pm	3,750.00	7,000.00	Branch: COOK TOWN, BANGALORE IFSC code: ANDB0000091	
7.	Dr.Vijaykumar Associate Professor / ECE SRM Institute of Science and Technology	22.10.20	2.30pm to 4.30pm	5,000.00	5,000.00	Name: VIJAYKUMAR, A/C NO: 074010100244794 Bank: AXIS BANK LTD Branch: RAMAPURAM,CHENNAI IFSC code: UTIB0000074	
8.	Dr.Gunasekaran Thangavel Lecturer-EEE & Program Director – ECE	23.10.20	9.45am to 11.15am	3,750.00	7,500.00	Name: YUVARANI S A/C NO: 32701209817	
0.	Higher College of Technology, Muscat, Sultanate of Oman.	23.10.20	11.45am to 1.15pm	3,750.00		Bank: STATE BANK OF INDIA Branch: SATHY ROAD, ERODE IFSC code: SBIN0016100	
	Dr.Vimalathithan Rathinsabathy	23.10.20	2.30pm to 4.30pm	5,000.00	12,500.00	Name: VIMALATHITHAN R A/C NO: 007933000000010	
9.	Director, Krishtec, Bengaluru	24.10.20	9.45am to 11.15am	3,750.00		Bank: INDIAN OVERSEAS BANK Branch: RSPURAM, COIMBATORE	
	e i Thirt a profit Participal	24.10.20	11.45am to 1.15pm	3,750.00		IFSC code: IOBA0000079 Type: CC	
10.	Dr.Jonathan M Cansino Head-Quality Assurance (EEE)Section, Department of Engineering, University of Technology and Applied Sciences, Muscat, Sultanate of Oman.	24.10.20	2.30pm to 4.30pm	5,000.00	5,000.00	Name: YUVARANI S A/C NO: 32701209817 Bank: STATE BANK OF INDIA Branch: SATHY ROAD, ERODE IFSC code: SBIN0016100	
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Page 112 of 207



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(All UG Departments are Accredited by NBA)
Tiruchengode, Namakkal, Tamil Nadu - 637 215, India.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE OF PARTICIPATION

Presented to

P.MOHANA SUNTHARI, AP/ECE of K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY.

has successfully completed the AICTE Sponsored One Week Online Short Term Training Programme (STTP) Series - 1 on "Long Range (LoRa) Wireless Area Networks: A Futuristic Approach "Organized by Department of Electronics and Communication Engineering from 19.10.2020 to 24.10.2020.

Dr. R. NANDAKUMAR

Dr. R. NANDAKUMAR COORDINATOR - STTP, HOD/ECE ENGINEERING KALVI NAGUL NAGUL TIEUCHEAL DI TAMIL NAGUL

Dr.M.VENKATESAN PRINCIPAL



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(All UG Departments are Accredited by NBA)
Tiruchengode, Namakkal, Tamil Nadu - 637 215, India.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE OF PARTICIPATION

Presented to

B.LATHA, AP/ECE of

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY.

has successfully completed the AICTE Sponsored One Week Online Short Term Training Programme (STTP) Series - 1 on "Long Range (LoRa) Wireless Area Networks: A Futuristic Approach "Organized by Department of Electronics and Communication Engineering from 19.10.2020 to 24.10.2020.

Dr. R. NANDAKUMAR COORDINATOR - STTP, HOD/ECE PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE - 837 215,
NAMAKKAL DI, TAMIL NADU.

Dr.M.VENKATESAN PRINCIPAL

Mille A



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Tiruchengode, Namakkal, Tamil Nadu - 637 215, India.

a. Aicte

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE OF PARTICIPATION

Presented to

M.V MAHESH, AP/ECE of

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY.

has successfully completed the AICTE Sponsored One Week Online Short Term Training Programme (STTP) Series - 1 on "Long Range (LoRa) Wireless Area Networks: A Futuristic Approach "Organized by Department of Electronics and Communication Engineering from 19,10.2020 to 24.10.2020.

Dr. R. NANDAKUMAR COORDINATOR - STTP, HOD/ECE PRINCIPAL:

K. S. R. INSTITUTE FOR

INGINEERING AND TECHNOLOGY

K. S. R. KALVI NAGAR.

TIRUCHENGODE - 637 215,

TIRUCHENGODE - TAMIL NADU.

Dr.M.VENKATESAN PRINCIPAL



Tiruchengode - 637215

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Department of Electronics and Communication Engineering

ACADEMIC YEAR 2019-2020

Seminar

on

TRENDS AND DEVELOPMENTS OF INTELLECTUAL PROPERTY RIGHTS

Resource Person

Dr. A.Athif Shah,
Founder and CEO,
ABE Semiconductor Designs

Date & Time: 05.08.2019 & 11.00AM

Venue: ECE Seminar Hall

PRINCIPAL,

K. S. R. INSTITUTE FOR

FINGINEERING AND TECHNOLOGY,

TIRUCHENGODE - 637 2 3, NAMAKKAL DE, TAMIL NAOU.

TIRUCHENGODE-637 215

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING ACADEMIC YEAR 2019-2020

REF: KSRIET/CIR/ECE/2019-2020/S-02

Date: 01.08.2019

CIRCULAR

The Department of ECE has planned to organize seminar on "TRENDS AND DEVELOPMENTS OF INTELLECTUAL PROPERTY RIGHTS" for the benefit of final year students. The session will be handled by Dr. A. Athif Shah - Founder and CEO of ABE Semiconductor Designs on 05.08.2019 at 11.00am in ECE Seminar Hall. All the students are asked to attend the session and make use of it.

Coordinator

Coordinator

MoD 1/8/19

Circulated to

- 1. IV Year Students
- 2. Copy to NB's

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K. S. R. KALVI NAGAR,

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NAMAKKAL DI, TAMIL NADU.

Tiruchengode - 637 215, Tamil Nadu

Affiliated to Anna University

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR: 2019 - 2020

SEMINAR ON "Trends And Developments Of Intellectual Property Rights"

Date: 05.08.2019

Session Details

S.No	Date	Day	Session 1 11.00AM to 12.30AM	Session 2 12.30AM to 1.30PM	Session 3 2.30PM to 4PM	Resource Person
1	05.08.2019	Monday	Concept of Intellectual Property Rights, Industry and IPR Cycle	Trends & developments in patents, Indian applicants vs. Foreign applicants, Pre-grant & Post - grant opposition	Working of patents, average patent grant time, types of patent, utility patents, software patent, business method patent, design patent	Dr. A. Athif Shah

Coordinator

Coordinator

PRINCIPAL,
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ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE - 637 215,
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K.S.R Kalvi Nagar, Tiruchengode - 637 215, Namakkal Dist, Tamil Nadu. Ph: 04288 274773, www.ksriet.ac.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Mr. R. Srinivasan B.B.M

Chairman

Dr. M. Venkatesan M.E., Ph.D

Principal

Dr. R. Nandakumar M.E., Ph.D

Professor & Head/ECE

DATE: 01.08.2019

To,

Dr. A. Athif Shah.

Founder and CEO,

ABE Semiconductor Designs,

Chennai - 600083.

Dear Sir,

Warm Greetings.

We would like to conduct a Seminar on "Trends and Developments of Intellectual Property Rights" for the benefit of IV B.E (ECE) students on 05.08.2019, 11.00 am. In this regard we like to invite, you to be our resource person and discuss your valuable ideas and guidelines to the students. We hope you would be able to fit this event in your busy schedule. We expect your support and reply.

Thanking you,

Yours Faithfully,

Contact Person: Ms. P. Mohanasunthari, AP/ECE - 8344231344

PRINCIPAL, K. S. R. INSTITUTE FOR ENGINEERING AND TECHNOLOCY, K. S. R. KALVI NAGAR,

TIRLICHEMOONE CORRE

VISION: To produce globally competitive Electronics and Communication Engineers and Entrepreneurs with ethical values

MISSION:

DM1: Impart quality education through student centric teaching and learning process.

DM2: Equip students with Industry driven skills by providing excellent Infrastructure and continuous interaction with academia and

Industry

DM3: Empower students towards research, entrepreneurship and lifelong learning to meet societal needs.

About Athif Shah

Current: CTO

Education: M. Tech Embedded Design and Technologies

Industry: Education/Teaching/Training

About

Qualification: ME(Embedded SYStems).,(Ph.D)

Has nearly more than decade experiences in embedded systems, wireless communication

Former HOD/ECE in an reputed engineering college for more than 7 yrs

Awarded "BEST PROJECT GUIDE" by Renases Japan

Consultant to Merrill Research company for Wireless domains

Implemented the idea of Projects into PRODUCT in the academic Institution and Research industries Experience

Head/VP/GM-Technology(IT)/CTO at ABE TECHNOLOGIES, Chennai, INDIA

October 2008 - Currently Working

Industry: Education/Teaching/Training

Functional area: IT Sw- Embedded / EDA / VLSI / ASIC / Chip Design

Handling the corporate projects to our clients such as INTEL,MICROCHIP etc Heading the training division with the objective of following the learn through experimentation. Responsible for New technology Innovations in the Embedded Design,DSP,Wireless etc Implementing the idea of "projects into Products for the engineering graduates . Also heading the training divisions for the corporates. Responsible for providing the consultant services to the academic institutions to establish R&D labs

Head/VP/GM-R&D at Kanchi Pallavan Engineering college, Chennai, INDIA

August 2001 - February 2009

Worked AS AP/HOD/ECE in KPEC Responsible for academic activities of the college. Erected the Networks Lab, VLSI,DSP, RF, Microwave and OPtical lab in the college. Worked as Team Leader in the NBA committees, AICTE related works. A Warded as "BEST PROJECT GUIDE" BY RENASES, JAPAN Member of ISTE, MEUBR, MIET (australia) Implemented mechanism as "PROJECTS INTO PLACEMENTS", "PROJECTS INTO PRODUCTS" Written the handbook on the various topics such as "HANDBOOK ON MEDICAL ELECTRONICS, DSP, EMBEDDED DESIGN, VLSI...

Education

M.Tech [Embedded Design and Technol...],

Vinayaka Missions Kirupananda Variyar Engineering College, Salem, Tamil Nadu. [December, 2006], Salem, INDIA

Additional information

Interests:

INNOVATING NEW TECHNOLOGIES IN EMBEDDED DESIGN TRAINING THE FUTURE ENGINEERS MAKING THE STUDENTS TO AWARE ABOUT THE NEW TECHNOLOGIES PROJECT DESIGN ETC

Websites:

http://www.intel.com

http://www.embedded.com

http://www.microchip.com

Awards and achievements:

BEST PROJECT GUIDE BY RENASES JAPAN PRESENTED 6 INTERNATIONAL PAPERS AND 8 NATIONAL PAPERS

PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI HEGAR,
TIRUCHENGODE - 637 215,
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Page 120 of 207

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY, TIRUCHENGODE – 637215 (Accredited by NBA, Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING SEMINAR ON TRENDS AND DEVELOPMENTS OF INTELLECTUAL PROPERTY RIGHTS

List of Students

Academic Year 2019-20

Date: 05.08.2020

The Participants List to attend the seminar on "Trends and Developments of Intellectual Property Rights"

S.NO.	REG NO.	NAME	YEAR
1	731616106001	ABDULKADHAR S	IV-A
2	731616106002	ABISHEK T	IV-A
3	731616106003	ADHITHYA KUMAR M	IV-A
4	731616106004	AJEETH KUMAR M	IV-A
5	731616106005	AKSHAYA N M	IV-A
6	731616106006	ANANTH N	IV-A
7	731616106007	ANANTHA KRISHNAN P	IV-A
8	731616106008	ARULIEESWARAN R	IV-A
9	731616106009	ASWIN S	IV-A
10	731616106010	BALAJI R	IV-A
11	731616106011	BHAVYA D	IV-A
12	731616106012	BHAVYASHREE S	IV-A
13	731616106013	BHUVANESHWARI P	IV-A
14	731616106014	BRAHADEESHWARAN M	IV-A
15	731616106015	BRINDHA M	IV-A
16	731616106016	DANATHARSHINI G	IV-A
17	731616106017	DHARANI V	IV-A
18	731616106018	DHIVYAT	IV-A
19	731616106019	DINESH KRISHNA S	IV-A
20	731616106020	DIVYAT	IV-A
21	731616106021	DURAIRAJ S	IV-A
22	731616106022	ELANGOVAN V	IV-A
23	731616106023	GOKULAKRISHNAN A	IV-A
24	731616106024	GOWTHAM M	IV-A
25	731616106026	ILAKIYA S	IV-A
26	731616106027	INDIRAKUMAR M	IV-A

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K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI HAGAR,
TIRUCHENGODE - 637 215,
NAMAKKALDI, TAMIL NADU,

27	731616106028	ISWARYA P	IV-A
28	731616106029	JAYASHRI M	IV-A
29	731616106030	KAJAPATHY V	IV-A
30	731616106031	KANIMOZHI R	IV-A
31	731616106032	KARTHIKEYAN S	IV-A
32	731616106033	KARTHIKEYAN V	IV-A
33	731616106034	KOKILA K	IV-A
34	731616106035	LAKSHMANAN R	IV-A
35	731616106036	LOGESH KUMAR K	IV-A
36	731616106037	MAHESWARAN J	IV-A
37	731616106038	MALATHI A S	IV-A
38	731616106039	MARIMUTHU M	IV-A
39	731616106040	MEENA A	IV-A
40	731616106041	MEKALAI K	IV-A
41	731616106042	MONIKA R	IV-A
42	731616106302	NAVANANDHINI S	IV-A
43	731616106043	MUGILAN M	IV-B
44	731616106045	NANDHAKUMAR P	IV-B
45	731616106046	NANDHAKUMARAN R	IV-B
46	731616106047	NARESHKUMAR S	IV-B
47	731616106048	NAVEEN K	IV-B
48	731616106049	NIVETHA S	IV-B
49	731616106050	NIVETHA T	IV-B
50	731616106051	POORNIMA N	IV-B
51	731616106052	PRAVEENA M	IV-B
52	731616106053	PRIYADHARSHINI M	IV-B
53	731616106054	PRIYADHARSHINI S	IV-B
54	731616106055	PRIYADHARSHNI P	IV-B
55	731616106056	PRIYANKA C	IV-B
56	731616106057	PRIYANKA S S	IV-B
57	731616106058	RAMYA SRI E	IV-B
58	731616106059	RANJITH V	IV-B
59	731616106060	ROSHINI T	IV-B
60	731616106061	SAKTHI PRIYA S	IV-B
61	731616106062	SANTHIA G	IV-B
62	731616106063	SANTHOSHKUMAR J	IV-B
63	731616106064	SATHYAMOORTHI K	IV-B
64	731616106065	SELLAKRISHNARAJA S	IV-B
65	731616106066	SHARVESHRAM K R	IV-B

66	731616106067	SHOWMIYA M	IV-B
67	731616106068	SHYAM SUNDAR R	IV-B
68	731616106069	SRIMATHI G	IV-B
69	731616106072	SUMATHI R	IV-B
70	731616106073	SURIYA E	IV-B
71	731616106074	SURYA R	IV-B
72	731616106075	SYED SALMAN N	IV-B
73	731616106076	TAMILARASI S	IV-B
74	731616106077	THAMARAIKANNAN A S	IV-B
75	731616106078	THANGARAJ J	IV-B
76	731616106079	THANGAVEL P	IV-B
77	731616106080	THARANYA P	IV-B
78	731616106082	VIGNESH R	IV-B
79	731616106083	VIMAL KUMAR R	
80	731616106084	YOGESH S	IV-B
81	731616106502	DIVYAS	IV-B

Coordinator Coordinator

HoDS

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NAMAKKAL DI, TAME NADU.

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY TIRUCHENGODE - 637 215 DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING SEMINAR ON TRENDS AND DEVELOPMENTS OF INTELLECTUAL PROPERTY RIGHTS

(Handled by Dr.Athif Shah A) ATTTENDANCE SHEET

Academic Year: 2019 - 2020

CNO	DEC NO	NI 4 B ATTO	Y/E A D	DATE
S.NO	REG NO	NAME	YEAR	05.08.2019
1	731616106001	ABDULKADHAR S	IV-A	1
2	731616106002	ABISHEK T	IV-A	/
3	731616106003	ADHITHYA KUMAR M	IV-A	1
4	731616106004	AJEETH KUMAR M	IV-A	1
5	731616106005	AKSHAYA N M	IV-A	1
6	731616106006	ANANTHN	IV-A	1
7	731616106007	ANANTHA KRISHNAN P	IV-A	1
8	731616106008	ARULIEESWARAN R	IV-A	
9	731616106009	ASWIN S	IV-A	/
10	731616106010	BALAJI R	IV-A	1
11	731616106011	BHAVYA D	IV-A	1
12	731616106012	BHAVYASHREE S	IV-A	/
13	731616106013	BHUVANESHWARI P	IV-A	1
14	731616106014	BRAHADEESHWARAN M	IV-A	1
15	731616106015	BRINDHA M	IV-A	1
16	731616106016	DANATHARSHINI G	IV-A	1
17	731616106017	DHARANI V	IV-A	1
18	731616106018	DHIVYAT	IV-A	1
19	731616106019	DINESH KRISHNA S	IV-A	1
20	731616106020	DIVYA T	IV-A	1
21	731616106021	DURAIRAJ S	IV-A	1
22	731616106022	ELANGOVAN V	IV-A	1
23	731616106023	GOKULAKRISHNAN A	IV-A	1
24	731616106024	GOWTHAM M	IV-A	1
25	731616106026	ILAKIYA S	IV-A	1
26	731616106027	INDIRAKUMAR M	IV-A	1
27	731616106028	ISWARYA P	IV-A	1
28	731616106029	JAYASHRI M	IV-A	1
29	731616106030	KAJAPATHY V	IV-A	1
30	731616106031	KANIMOZHI R	IV-A	1
31	731616106032	KARTHIKEYAN S	IV-A	/
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33	731616106034	KOKILA K	IV-A	1
34	731616106035	LAKSHMANAN R	IV-A	/
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36	731616106037	MAHESWARAN J	IV-A	1
37	731616106038	MALATHI A S	IV-A	1
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41	731616106042	MONIKA R	IV-A	
42	731616106302	NAVANANDHINI S	IV-A	
43	731616106043	MUGILAN M	IV-B	1
44	731616106045	NANDHAKUMAR P	IV-B	
45	731616106046	NANDHAKUMARAN R	IV-B	1
46	731616106047	NARESHKUMAR S	IV-B	/
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48	731616106049	NIVETHA S	IV-B	1
49	731616106050	NIVETHA T	IV-B	1
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51	731616106052	PRAVEENA M	IV-B	1
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68	731616106069	SRIMATHI G	IV-B	1
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74	731616106077	THANGARAJ J	IV-B	1 7
75		THANGAKAJ J THANGAVEL P	IV-B	1
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78	731616106082	VIMAL KUMAR R	IV-B	<u>'</u>
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Page 125 of 207

K S R Institute for Engineering and Technology, Tiruchengode Department of Electronics and Communication Engineering Academic Year: 2019 - 2020

Seminar on "Trends and Developments of Intellectual Property Rights" Consolidated feedback

DATE: 05.08.2019

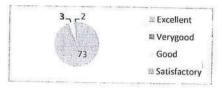
TIME: 11 AM

Resource Person: Dr.A.Athif Shah, Founder and CEO, ABE Semiconductors Designs

RATING OF S	SEMINAR
Excellent	75
Verygood	3
Good	2
Satisfactory	1

	mis, ————————————————————————————————————
327-1	™ Excellent
	■ Verygood
75	Good
2000	≥ Satisfactory

CONTI	ENT		
Excellent	73		
Verygood	3		
Good	3		
Satisfactory	2		



ORGANIZATION OF SEMINAR

Excellent	70
Verygood	2
Good	2
Satisfactory	1



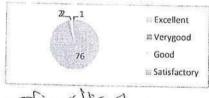
INTERACTION

Excellent	77
Verygood	2
Good	1
Satisfactory	1



FACILITATOR KNOWLEDGE

	Our Will
Excellent	76
Verygood	2
Good	2
Satisfactory	1



SUGGESTIONS

No NIL.

Need more data on Financial Aspect

Need Institution guidance and support for Filing Patent

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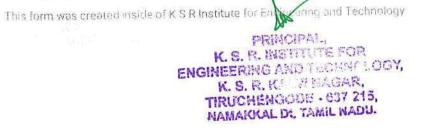
K S R Institute for Engineering and Technology, Department of Electronics and Communication Engineering, Seminar on Trends and Developments of Intellectual Property Rights

Dr. A. Athif Shah on 05.08.2019 at 11 AM

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How would you rate	e this Seminar? *	
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Van Cood		
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Very Good	w.	
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	mix between listening and activities *	
Serrinar was good	This between listering and detivities	
Very_Good	Y	
The facilitator was	Knowledgeable	
Excellent	₩.	
Any other Suggest	tions, If any *	
Need institution guid	ance and support for filing patent	
100		



K S R Institute for Engineering and Technology, Department of Electronics and Communication Engineering, Seminar on Trends and Developments of Intellectual Property Rights

Dr. A. Athif Shah on 05.08.2019 at 11 AM

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Name of the Student *	
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Register Number *	
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NAMAKKAL DI, TAMIL NADU.

How would you ra	ate this Seminar? *				
Excellent	*				
The Seminar cont	ent was relevant ar	nd compre	ehensive	A.	
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Seminar was Clea	ar and well organize	ed *			
Excellent	V				y.
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	d mix between liste	ening and	activities	5 *	
Very Good	77				
The facilitator wa	s Knowledgeable *				
Excellent	~				
				*	
Any other Sugge	stions, If any *				
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	This force was acceptain	ineida of K.S.	R Institut	ar Farmeering ar	nd Fechnoloav

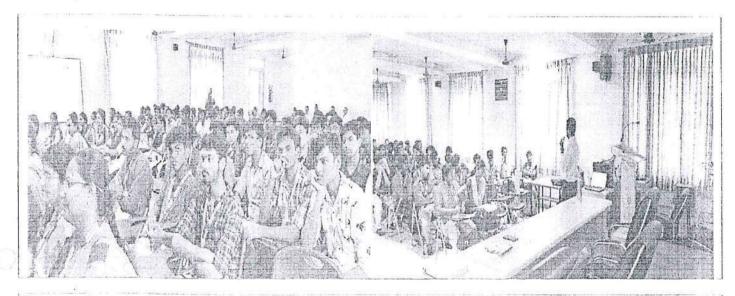
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K. S. R. KALVI HAGA
TIRUCHENGODE - 63:
NAMAKKAL DI, TAMIL NAPY,
Page 130 of 207



TIRUCHENGODE- 637 215

Department of ECE

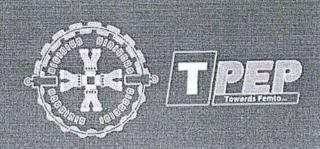
	m/Cell/CoE: A	URA Associa	ation		A
Academic Year:	2019-2020	Semester:	Odd	Date & Time:	05.08.2019 & 11 AM
Name of the Programme:	Seminar	Title:	Seminar on Trends and Developments of Intell Property Rights		opments of Intellectual
Venue:	ECE Semina	r Hall	No.of Partic	cipants attended:	81
Resource pers	on details			· · · · · · · · · · · · · · · · · · ·	
Name:	Dr. A. Athif S	hah			
Designation:	CEO				
Name of the ABE Semiconductors, Chennai. Institution:					
Relevant Progr Specific Outcor	ram Outcomes mes	& Program	PO6, PO	7, PO8, PO9, PO11	



The session started with Prayer song by third year student Ms. Parkavi. P. Then Welcome Address was given by Head of Department Dr. R. Nandakumar. The Chief Guest address was given by Mr. A. Ravi, AP/ECE. The resource person shared the knowledge about indicating the connotation of the terminologies – IP and IPR. The legal basis of IPR and then various forms were discussed. The ethos and process vs product patents, trade secrete protection, designs, copyrights etc., and the basis of the expectance of various IPR. At the end of the session vote of thanks was proposed by Mr. T. Marthandan Asst., Professor/ ECE.

Coordinator 8 19.

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Ref: TPEP/IPT/501 Date: 05/12/2019

TO WHOM IT MAY CONCERN

This is to certify that Mr.N.Dhanushkodi (731617106011), a student of III year B.E – Department of Electronics and Communication Engineering, KSR Institute for Engineering and Technology, Namakkal, Tamil Nadu has successfully completed (From 28th November, 2019 to 30th November, 2019) In-plant Training programme at T-PEP. During the period of his In-plant Training programme with us, he was found punctual, hardworking and good behavior.

We wish him every success in life



For T-PEP Authorized Signatory

Trusted Portable Electro Point

TPEP

Research and Product Development

108, 1st Floor, Bharathiar Road, Aiswarya Avenue, Ganapathy, Coimbatore - 641 006.

Website: www.tpep.co.in

Mail: info.tpep@gmail.com

Phone: +91 97153 07957.

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K. S. R. KALVI HAGAR,

THUG



Ref: TPEP/IPT/503 Date: 05/12/2019

TO WHOM IT MAY CONCERN

This is to certify that Mr.N.Gokulnath(731617106017), a student of III year B.E – Department of Electronics and Communication Engineering, KSR Institute for Engineering and Technology, Namakkal, Tamil Nadu has successfully completed(From 28th November, 2019 to 30th November, 2019) In-plant Training programme at T-PEP. During the period of his In-plant Training programme with us, he was found punctual, hardworking and good behavior.

We wish him every success in life



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Website: www.tpep.co.in
Mail: info.tpep@gmail.com
Phone: +91 97153 07957.

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Ref: TPEP/IPT/500 Date: 05/12/2019

TO WHOM IT MAY CONCERN

This is to certify that Mr.R.Hari hara sudhan(731617106020), a student of III year B.E – Department of Electronics and Communication Engineering, KSR Institute for Engineering and Technology, Namakkal, TamilNadu has successfully completed(From 28th November,2019 to 30th November,2019) In-plant Training programme at **T-PEP**. During the period of his In-plant Training programme with us, he was found punctual, hardworking and good behavior.

We wish him every success in life



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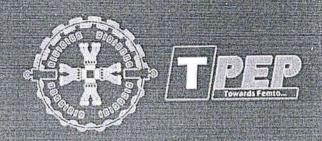
Phone: +91 97153 07957.

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TIRUCHENGODE - 637 ZTO, NAMANGAL DI, TAMIL NADU.



Ref: TPEP/IPT/501 Date: 05/12/2019

TO WHOM IT MAY CONCERN

This is to certify that Ms.N.Kamalini (731617106028), a student of III year B.E – Department of Electronics and Communication Engineering, KSR Institute for Engineering and Technology, Namakkal, Tamil Nadu has successfully completed (From 28th November, 2019 to 30th November, 2019) In-plant Training programme at T-PEP. During the period of her In-plant Training programme with us, she was found punctual, hardworking and good behavior.

We wish her every success in life



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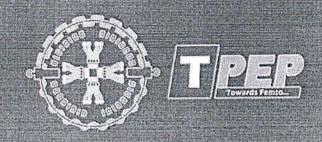
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Ref: TPEP/IPT/498 Date: 05/12/2019

TO WHOM IT MAY CONCERN

This is to certify that Ms.R.Manimala (731617106037), a student of III year B.E – Department of Electronics and Communication Engineering, KSR Institute for Engineering and Technology, Namakkal, Tamil Nadu has successfully completed (From 28th November, 2019 to 30th November, 2019) In-plant Training programme at T-PEP. During the period of her In-plant Training programme with us, she was found punctual, hardworking and good behavior.

We wish her every success in life



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Enthu Technology Solutions India Pvt Ltd

Training | Support | Development

30.11.2019

Internship Training Certificate

This is to certify that Mr. SIVASANKARAN, K. Dilivear, Department of ELECTRONICS AND COMMUNICATION ENGINEERING, K.S.R. DISTITUTE FOR ENGINEERING AND TECHNOLOGY, Tiruchengode has completed between a training programme on "Industrial lot using LoRaWAN Technology" at Enthu Technology Solutions India Pvt. Ltd., Combatore from 25,11,2019 to 30,11,2019.

For Enthy technology Solutions india Pst. Ltd.,



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K S R INSTITUTE FOR ENGINEEERING AND TECHNOLOGY Tiruchengode-637215



(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

Department of Electronics and Communication Engineering Organizes

Value Added Course

On

"Networking Course on CCNA"

Topics to be covered

- ✓ Module 1: Network Fundamentals
- ✓ Module 2: LAN Switching Technologies
- ✓ Module 3: Routing Technologies
- ✓ Module 4: WAN Technologies
- ✓ Module5: Infrastructure Services, Security& Management

DATE: 14.12.2019 to 15.12.2019, 25.12.2019, 28.12.2019 to 29.12.2019

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(Affiliated to Anna University – Chennai)

Department Of Electronics And Communication Engineering

Circular

ACADEMIC YEAR:

2019-2020

DATE:

11.12.2019

The department of Electronics and Communication Engineering has planned to conduct value added course on "Networking Course on CCNA" for the benefit of III-ECE students. The course is scheduled from 14.12.2019 to 15.12.2019, 25.12.2019, 28.12.2019 to 29.12.2019 for 36 hours at Networks and Embedded Lab. All the students are asked to attend the course.

The following faculty members will handle the session.

- 1. Mr.P.K.Amarnath, CEO, Avatar Academy
- 2. Dr.R.Nandakumar, Prof & Head
- 3. Mr.B. Vinoth Kumar, AP/ECE
- 4. Ms.P.Janani, AP/ECE

5. Mr.P.Govindaraju, AP/ECE

Coordinator

K. S. R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY, K. S. R. KALVI-NAGAR, TIRUCHENGODE-637 215, NAMAKKAL DI. TAMIL NADU.

Page 139 of 207

(Affiliated to Anna University - Chennai)

Department Of Electronics And Communication Engineering

Value Added Course

On

NETWORKING COURSE ON CCNA

Syllabus

Module 1: Network Fundamentals

7

Compare and contrast OSI and TCP/IP models, Compare and contrast TCP and UDP protocols, Describe the impact of infrastructure components in an enterprise network, Firewalls, Access points, Wireless controllers, Describe the need for private IPv4 addressing, Identify the appropriate IPv6 addressing scheme to satisfy addressing requirements in a LAN/WAN environment, Configure, verify, and troubleshoot IPv6 addressing, Configure and verify IPv6 Stateless Address Auto Configuration, Compare and contrast IPv6 address types.

Module 2: LAN Switching Technologies

7

Describe and verify switching concepts, Interpret Ethernet frame format, Troubleshoot interface and cable issues, Configure and verify Layer 2 protocols, Configure, verify, and troubleshoot Ether Channel, Describe the benefits of switch stacking and chassis aggregation.

Module 3: Routing Technologies

7

Describe the routing concepts, Interpret the components of a routing table, Describe how a routing table is populated by different routing information sources, Configure, verify, and troubleshoot inter-VLAN routing, Configure, verify, and troubleshoot single area and multi-area OSPFv2 for IPv4, Configure, verify, and troubleshoot single area and multi-area OSPFv3 for IPv6, Configure, verify, and troubleshoot EIGRP for IPv4, Configure, verify, and troubleshoot EIGRP for IPv4.

Module 4: WAN Technologies

7

Configure, verify, and troubleshoot PPPoE client-side interfaces using local authentication, Configure, verify, and troubleshoot GRE tunnel connectivity, Describe WAN topology options, Describe WAN access connectivity options, Configure and verify single-homed branch connectivity using eBGP IPv4, Describe basic QoS concepts.

Module5: Infrastructure Services, Security& Management

8

Total: 36 Hours

Describe DNS lookup operation, Configure, verify, and troubleshoot basic HSRP, Configure, verify, and troubleshoot inside source NAT, Configure and verify NTP operating in a client/server mode, Configure, verify, and troubleshoot port security, Describe common access layer threat mitigation techniques, Configure, verify, and troubleshoot IPv4 and IPv6 access list for traffic filtering, Describe device security using AAA with TACACS+ and RADIUS, Use Cisco IOS tools to troubleshoot and resolve problems, Describe network programmability in enterprise network architecture.

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Department Of Electronics And Communication Engineering

Value Added Course

On

NETWORKING COURSE ON CCNA

Schedule

Date: 14.12.2019 - 29.12.2019

DAY	DATE	TIMING	TOPIC
		09.00 to 11.00 am	Compare and contrast OSI and TCP/IP models, Compare and contrast TCP and UDP protocols
		11.15 to 12.45 pm	Describe the impact of infrastructure components in an enterprise network
		01.30 to 02.30 pm	Firewalls, Access points, Wireless controllers, Describe the need for private IPv4 addressing
DAY I	DAY 1 14.12.2019	02.30 to 03.30 pm	Identify the appropriate IPv6 addressing scheme to satisfy addressing requirements in a LAN/WAN environment
		03.45 to 04.45 pm	Configure, verify, and troubleshoot IPv6 addressing,
		04.45 to 05.15 pm	Configure and verify IPv6 Stateless Address Auto Configuration, Compare and contrast IPv6 address types
		09.00 to 11.00 am	Compare and contrast OSI and TCP/IP models
		11.15 to 12.45 pm	Compare and contrast TCP and UDP protocols
		01.30 to 02.30 pm	Describe the impact of infrastructure components
		02.30 to 03.30 pm	Describe the need for private IPv4 addressing
DAY 2	15.12.2019	03.45 to 04.45 pm	Identify the appropriate IPv6 addressing scheme to satisfy addressing requirements in a LAN/WAN environment
	04.45 to 05.15 pm	Configure, verify, and troubleshoot IPv6 addressing, Configure and verify IPv6 Stateless Address Auto Configuration	
DAY 3	25.12.2019	09.00 to 11.00 am	Describe the routing concepts, Interpret the components of a routing table
0	de	11.15 to 12.45 pm	Describe how a routing table is populated by different routing information sources

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		01.30 to 02.30 pm	Configure, verify, and troubleshoot inter-VLAN routing
		02.30 to 03.30 pm	Configure, verify, and troubleshoot single area and multi-area OSPFv2 for IPv4
749		03.45 to 04.45 pm	Configure, verify, and troubleshoot single area and multi-area OSPFv3 for IPv6, Configure, verify, and troubleshoot EIGRP for IPv4
		04.45 to 05.15 pm	Configure, verify, and troubleshoot EIGRP for IPv6, Configure, verify, and troubleshoot RIPv2 for IPv4
		09.00 to 11.00 am	Configure and verify PPP and MLPPP on WAN interfaces using local authentication
		11.15 to 12.45 pm	Configure, verify, and troubleshoot PPPoE client- side interfaces using local authentication
DAY 4	28.12.2019	01.30 to 02.30 pm	Configure, verify, and troubleshoot GRE tunnel connectivity
		02.30 to 03.30 pm	Describe WAN topology options, Describe WAN access connectivity options
		03.45 to 04.45 pm	Configure and verify single-homed branch connectivity using eBGP IPv4
•	2	04.45 to 05.15 pm	Describe basic QoS concepts
		09.00 to 11.00 am	Describe DNS lookup operation, Configure, verify, and troubleshoot basic HSRP
	2 2	11.15 to 12.45 pm	Configure, verify, and troubleshoot inside source NAT, Configure and verify NTP operating in a client/server mode
DAY 5	29.12.2019	01.30 to 02.30 pm	Configure, verify, and troubleshoot port security, Describe common access layer threat mitigation techniques
		02.30 to 03.30 pm	Configure, verify, and troubleshoot IPv4 and IPv6 access list for traffic filtering
= 1g		03.45 to 04.45 pm	Describe device security using AAA with TACACS+ and RADIUS, Use Cisco IOS tools to troubleshoot and resolve problems
		04.45 to 06.15 pm	Describe network programmability in enterprise network architecture

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Department of Mechanical Engineering Centre for Industrial Collaboration (CENIC)

MoU Activities - Collaborative Activity

Academic Year: 2019-2020

S.No.	Name of the Student	Name of the Company	Activity Inplant Training / Internship	Duration
1.	Dhayanidhi M			
2.	Dhevendran E			
3.	Hariharan S			09-12-2019 to
4.	Joshua Y]		14-12-2019 6 Days
5.	Logesh N			0 Days
6.	Mohan arjun kumaravel			V.
7.	Mohanraj B			
8.	Ethayakumar G			
9.	Prabhakaran M			
10.	Ranjithkumar R			
11.	Santhoshkumar V	United Manufacturing	Inplant Training	
12.	Thirumurugan V	India	•	
13.	Rahul C			
14.	Saranraj S			16-12-2019 to
15.	Shanmugamanivel D			21-12-2019 6 Days
16.	Saran K			0 Days
17.	Sathish G			
18.	Gokulraj B			
19.	Govindharasu R	0		23.12.2019
20.	Hariharan G		(100)	28.12.2019
21.	Hariprasath P	K. S. R. INS	TITUTE FOR	6 Days
22.	Indirajith M	K S R KA	ID TECHNOLOGY LYI NAGAR, DDE-637 215,	



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TO WHOM SOEVER IT MAY CONCERN

This is to certify that Mr.INDIRAJITH.M Pursuing Third year MECHANICAL ENGINEERING in K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY, TIRUCHENGODE, NAMAKKAL has successfully completed semester Implant Training from 23.12.2019 to 28.12.2019 in our company.

We found his sincere, hardworking and technically sound result oriented person. He worked well as part of a team during his tenure. We take this opportunity to congrats him and wish him all the best for his future.

FOR UNITED MANUFACTURE INDIA

MANAGING DIRECTOR

THUFACTURE OF SALES

PRINCIPAL.
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE 637 215,
NAMAKKAL DI, TAMIL NADU.

Email: umissankagiri@gmail.com

SALES & SERVICE: 99448 44999



KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY TIRUCHENGODE- 637215



DEPARTMENT OF MECHANICAL ENGINEERING

COLLABORATIVE RESEARCH

Academic Year: 2019-20

Company Name: United Manufacture India

S. No.	Name of the Students	Guide Name	Project Title	Year /Sem
1.	Gowtham P			IV / VIII
	Hariharan M	Dr.R.Mani	Extraction of Fuel from	
1.	Hariharan S		Waste Plastic Digester	
	Prasanth S			
	Rajkumar S			IV / VIII
	Ranjith kumar V	Dr.P.Murugesan		
	Riyaz ahamed S		Heat Transfer And Friction Factor Characteristics of Variant Plain Tape Fitted In A Double Pipe Heat	
2.	Sakthi gnanasundaram R H			
	Kirubakaran M		Exchanger	
	MogestoN			
	MohamArjun Kumaravel			

CENIC Coordinator

PRINCIPAL.

K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

HoD / Mech

EXTRACTION OF FUEL FROM WASTE PLASTIC USING PYROLYSIS PROCESS

A PROJECT REPORT

Submitted by

P.GOWTHAM 731616114020

M.HARIHARAN 731616114022

S.HARIHARAN 731616114023

S.PRASANTH 731616114308

in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY,

TIRUCHENGODE - 637 215.

ANNA UNIVERSITY: CHENNAI 600 025

APRIL 2020

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "EXTRACTION OF FUEL FROM WASTE PLASTIC USING PYROLYSIS PROCESS" is the bonafide work of GOWTHAM.P(731616114020),HARIHARAN.M(731616114022),HARIHARAN.S(731616114023),PRASANTA.S(731616114308)"who carried out the project work under my supervision.

SIGNATURE

Dr.P.MURUGESAN M.E., Ph.D.,

HEAD OF THE DEPARTMENT,

rtofessor,

Department of

Mechanical Engineering,

KSR Institute for

Engineering and Technology,

Truchengode,

Mamakkal- 637 215.

SIGNATURE

Dr.R.MANI M.E., Ph.D.,

SUPERVISOR.

Professor,

Department of

Mechanical Engineering,

KSR Institute for

Engineering and Technology.

Tiruchengode,

Namakkal- 637 215.

Semitted for the Project report Viva-Voce Examination held on

ENTERNAL EXAMINER

EXTERNAL EXAMINER



KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY TIRUCHENGODE- 637215



DEPARTMENT OF MECHANICAL ENGINEERING

INDUSTRY SUPPORTED PROJECT

Academic Year: 2019-20

Company Name: United Manufacture India

S. No.	Name of the Students	Guide Name	Project Title	Year /Sem
	Chandru M		Design And Education	
1.	Gokulraj B		Design And Fabrication of Automation Goat	III /VI
	Karthikeyan T	A. Mohanraj	Skin Removing	
	Kavinkumar C		Machine	
2.	Aravind S.R.			III /VI
	Chandru S	77.77.1	Design And Fabrication	
	Hari prasath P	K.Velusamy	of Coconut Climbing Machine	
	Indrajith M	Tracinio		
	Arun prabakaran J			III /VI
3.	Gokul nath K	D. D.C	Design And Fabrication of Garlic Peeling Machine	
	Karthick.R	Dr.P.Gopinath		
	Manikandan.R			
	Boopathiraja M	031-031-031-031-031-031-031-031-031-031-		
4.	Kathirvel M	D. W41	Rescue system to	III /VI
4.	Meiyanandan V	R.Vasanthkumar	prevent the child in the borewell	
	Arunesh J			
	Mohanaraj C	3	2	III /VI
5.	Naresh M	A 3.7.1	Design and Fabrication	
٥.	Naveen V	A.Mohanraj	of Groundnut extracting machine	
	Premraj S			
	Naveen M			*** ***
6.	Pragatheeswar E	G.D. 'I	Design and fabrication	
0.	Prathiyumanan M	S.Rajkumar	of Areca nut extracting machine	III /VI
	Ramkumar B			
	Annamalai K	AND THE PARTY OF T		
7.	Kirubakaran M	V Caral-1-1-1	Development of	137 / 37177
1.	Logesh N	K.Gopalakrishnan	Coconut Dehusking Machine	IV / VIII
	Mohan Arjun Kumaravel	V.		

CENIC Coordinator

FRINCIPAL.
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

Page 169 of 207

HoD / Mech

DEVELOPMENT OF COCONUT DE-HUSKING MACHINE

A PROJECT REPORT

Submitted by

K. ANNAMALAI

731616114003

M. KIRUBAKARAN

731616114040

N. LOGESH

731616114042

MOHAN ARJUN KUMARAVEL 731616114050

In partial fulfillment for the award of the degree

Of

BACHELOR OF ENGINEERING

In

MECHANICAL ENGINEERING

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY,

TIRUCHENGODE - 637215.

ANNAUNIVERSITY:: CHENNAI 600025

SEPTEMBER 2020

ANNA UNIVERSITY: CHENNAI 600025

BONAFIDE CERTIFICATE

Certified that this project report "DEVELOPMENT OF COCONUT DE-HUSKING MACHINE" is the bonafide work of "ANNAMALAI K, KIRUBAKARAN M, LOGESH N, MOHAN ARJUN KUMARAVEL" who carried out the project work under my supervision.

Signature 20012

Dr.P.MURUGESAN M.E., Ph.D., HEAD OF THE DEPARTMENT, PROFESSOR,

DEPARTMENT OF
MECHANICAL ENGINEERING

KSR INSTITUTE FOR

ENGINEERING AND

TECHNOLOGY,

TRUCHENGOGE,

Mamakkal- 637215.

Signature.

Mr.K.GOPALAKRISHNAN M.E.,

SUPERVISOR,

ASSISTANT PROFESSOR,

DEPARTMENT OF MECHANICAL

ENGINEERING

K S R INSTITUTE FOR

ENGINEERING AND

TECHNOLOGY,

TIRUCHENGOGE,

Namakkal- 637215.

Submitted for the Project report Viva-Voce Examination held on 22/9/21

INTERNAL EXAMINER

walgh

EXTERNAL EXAMINER



K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY Tiruchengode, Namakkal - 637215

Department of Mechanical Engineering

Consultancy - MOU Activities

Name of the Company: SMW Hydraulics India

Academic year: 2019-20

S.No.	Date	Product	Quantity
1.	04.09.2019	Mini lift gearbox	10 Set
2.	26.09.2019	Mini lift Gearbox	30set
3.	26.09.2019	Mini lift Gearbox – Cover (Rework)	11 Nos
4.	18.10.2019	Mini lift Gearbox	30set
5.	16.10.2019	Mini lift Gearbox	30set
6.	24.10.2019	Mini lift Gearbox	28set
7.	15.11.2019	Mini lift Gearbox	32set
8.	06.12.2019	Mini lift Gearbox	30set

CENIC Coordinator

NAMAKKAL DI, TAMIL NADU.

S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Anna University)

DEPARTMENT OF MECHANICAL ENGINEERING



R.Srinivasan B.B.M., Vice- Chairman

Dr.M. Venkatesan, ME., Ph.D., Principal

Dr.P.Murugesan, M.E., Ph.D., Head of the Department

Delivery Notice

Date: 10.09.2019

Ref: KSRIET/Mech./2019-20/Cons/CP-02

To

SMW Hydraulics India

Selamba GOunden Palayam,

Thottipalayam(PO),

Bhavani(TK)

Erode - 638 312

Dear Sir.

Sub: Goods returning after machining -reg.

As per your letter dated 14-08-2019 the following components are sent after completion of machining work. The component detail is given below.

S.No	Description	Qty
1	Mini lift gearbox	10set

Thanking you



PRINCIPAL K. S. R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY, K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215,

NAMAKKAL DI, TAMIL NAGU.

Yours Faithfully,

Dr. P. MURUGESAN

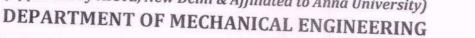
Professor and Head Department of Mechanical Engg. KSR Institute for Engg. & Technology

Tiruchengoda - 637 215.

K.S.R. Kalvi Nagar, Tiruchengode - 637215, Namakkal Dist., TamilNadu, India Tel: +91 - 4288 - 274773 / Fax: +91 - 4288 - 274773 /Email: admin@ksriet.ac.in/ www.ksriet.ac.in/

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R.Srinivasan B.B.M., Vice- Chairman

Dr.M.Venkatesan, ME., Ph.D., Principal

Dr.P.Murugesan, M.E., Ph.D., Head of the Department

Delivery Notice

Date: 06.12.2019

Ref: KSRIET/Mech./2019-20/Cons/CP-23

To

SMW Hydraulics India

Selamba Gounden Palayam,

Thottipalayam(PO),

Bhavani(TK)

Erode - 638 312

Dear Sir.

Sub: Goods returning after machining -reg.

As per your Delivery Challan No: 959 dated 15.11.2019 the following components are sent after completion of machining work. The component detail is given below.

S.No	Description	Qty
I	Mini lift Gearbox	30set

Thanking you

K. S. R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY,

K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL Dt. TAMIL NADU.

Yours Faithfully,

Dr. P. MURUGI . B.E.M.E. Ph.D

Professor and Head

Department of Machanical Engg. KSR lastitute for Engry, & Technology

Tiruchengoda - 607 9 5.

K.S.R. Kalvi Nagar, Tiruchengode - 637215, Namakkal Dist., TamilNadu, India Tel: +91 - 4288 - 274773 / Fax: +91 - 4288 - 274773 /Email: admin@ksriet.ac.in/ www.ksriet.ac.in

S. Cholo

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

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DEPARTMENT OF MECHANICAL ENGINEERING



R.Srinivasan B.B.M., Vice- Chairman

Dr.M.Venkatesan, ME., Ph.D., Principal

Dr.P.Murugesan, M.E., Ph.D., Head of the Department

Delivery Notice

Date: 26.09.2019

Ref: KSRIET/Mech./2019-20/Cons/CP-07

To

SMW Hydraulics India

Selamba GOunden Palayam,

Thottipalayam(PO),

Bhavani(TK)

Frode - 638 312

Dear Sir,

Sub: Goods returning after machining -reg.

As per your Delivery Challan No: 953,954 dated 10-09-2019& 26.09.2019 the following components are sent after completion of machining work. The component detail is given below.

S.No	Description	Qty
1	Mini lift Gearbox	30set
2	Mini lift Gearbox -Cover (Rework)	11 Nos

Thanking you

K. S. R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY, K. S. R. KALVI NAGAK TIRUCHENGODE-637 215,

NAMAKKAL DI, TAMIL NADU.

Yours Faithfully,

Dr. P. MURUGESAN, B.E.M.E. Ph.D Professor and Head

Department of Mechanical Engg. USR Institute for Engg. & Technology

K.S.R. Kalvi Nagar, Tiruchengode - 637215, Namakkal Dist., TamilNadu, India Tel: +91 - 4288 - 274773 / Fax: +91 - 4288 - 274773 /Email: admin@ksriet.ac.in/ www.ksriet.ac.in/

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Anna University) DEPARTMENT OF MECHANICAL ENGINEERING



R.Srinivasan B.B.M., Vice- Chairman

Dr.M.Venkatesan, ME., Ph.D., Principal

Dr.P.Murugesan, M.E., Ph.D., Head of the Department

Delivery Notice

Date: 17.10.2019

Ref: KSRIET/Mech./2019-20/Cons/CP-13

To

SMW Hydraulics India

Selamba GOunden Palayam,

Thottipalayam(PO),

Bhavani(TK)

Erode - 638 312

Dear Sir,

Sub: Goods returning after machining -reg.

As per your Delivery Challan No: 954 dated 17.10.2019 the following components are sent after completion of machining work. The component detail is given below.

completion of machining Works Description		Qty
S.No Des	Description	30set
	Mini lift Gearbox	3000

Thanking you

Yours Faithfully,

Dr. P. MURUGE SAN, B.E.M.E. Ph.D. Professor and Head

Department of Mechanical Engg. KSR Institute for Engg. & Technology

Tiruchengode - 637 215.

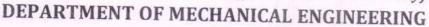
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PRINCIPAL. K. S. R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY, K. S. R. KALVI NAGAR TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NAUU.

K.S.R. Kalvi Nagar, Tiruchengode – 637215, Namakkal Dist., TamilNadu, India Tel: +91 - 4288 - 274773 / Fax: +91 - 4288 - 274773 /Email: admin@ksriet.ac.in/ www.ksriet.ac.in/

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

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R.Srinivasan B.B.M., Vice- Chairman

Dr.M.Venkatesan, ME., Ph.D., Principal

Dr.P.Murugesan, M.E., Ph.D., Head of the Department

Delivery Notice

Date: 24.10.2019

Ref: KSRIET/Mech./2019-20/Cons/CP-15

To

SMW Hydraulics India

Selamba Gounden Palayam,

Thottipalayam(PO),

Bhavani(TK)

Erode - 638 312

Dear Sir.

Sub: Goods returning after machining -reg.

As per your Delivery Challan No: 955 dated 16.10.2019 the following components are sent after completion of machining work. The component detail is given below.

S.No	Description	Qty
1	Mini lift Gearbox	28set

Thanking you

S. Ohald?

PRINTIPAL.

K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE 637 215,
NAMAKKAL DI, TAMIL NADU.

Yours Faithfully

Dr. E. Wiesen

host hostfulle for S. & or

K.S.R. Kalvi Nagar, Tiruchengode – 637215, Namakkal Dist., TamilNadu, India Tel: +91 – 4288 – 274773 / Fax: +91 – 4288 – 274773 /Email: admin@ksriet.ac.in/ www.ksriet.ac.in

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Anna University)





R.Srinivasan B.B.M.,

Vice- Chairman

Dr.M.Venkatesan, ME., Ph.D., Principal Dr.P.Murugesan, M.E., Ph.D., Head of the Department

Delivery Notice

Date: 15.11.2019

Ref: KSRIET/Mech./2019-20/Cons/CP-22

To

SMW Hydraulics India

Selamba Gounden Palayam,

Thottipalayam(PO),

Bhavani(TK)

Erode - 638 312

Dear Sir,

Sub: Goods returning after machining -reg.

As per your Delivery Challan No: 955, 957 dated 16.10.2019 & 24.10.2019 the following components are sent after completion of machining work. The component detail is given below.

S.No	Description	Qty
1	Mini lift Gearbox	32set

Thanking you

Bonth Bring



PRINCIPAL.

K. S. R. INSTITUTE FOR

ENGINEERING AND TECHNOLOGY,

K. S. R. KALVI NAGAR.

TIRUCHENGODE-637 215,

NAMAKKAL DI. TAMIL NAGU.

Yours Faithfully,

fro HaD Meeh

K.S.R. Kalvi Nagar, Tiruchengode – 637215, Namakkal Dist., TamilNadu, India Tel: +91 – 4288 – 274773 / Fax: +91 – 4288 – 274773 /Email: <u>admin@ksriet.ac.in/www.ksriet.ac.in/</u>



INITED CADD SOLUTION

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To

The Placement Coordinator K S R Institute for Engineering and Technology Tiruchengode

Dear Sir

The following Students are provisionally selected for United CADD Solution Pvt. Ltd, for the role of Design Engineer. The Gross salary will be 12,500/- PM + Allowances.

S. No.	NAME	DEPT	
1	Dhivagar N		
2	Naveen M T	EEE	
3	Naveen Kumar S		
4	Ravi A		
5	Veerakumar B		

Note:

- 1. Selected aspirants should not possess any arrears while reporting.
- 2. Aspirants are recruited only when there any replacement need at factory.

For Further Clarification Please do not hesitate to reach us on +91 427-2431516

Congratulations!!!

Date: 16.03.2019

for United CADD Solution Pyt-

Authorized Signator

K. S. R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY, K. S. R. KALVI NAGAR, TIRUCHENGODE - 637 215,

NAMAKKAL DE TAMIL NADU

www.unitedcaddsolution.com

Corporate Office #516/228-D, Annapuram, Junction main Road, Five Roads, Salem, Tamilnadu - 636 004, Ph : 2431515, 2440516 Branch Office: CHENNAL ERODE, NAMAKKAL, TIRUCHENGODE, ATTUR, BHAVANI, TRICHY, PERAMBALUR, KANCHIPURAM, KERALA

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DESIGN OF FUTURE

Date: 24-12-2019

· TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr.M.AADHI VISHWANATH Pursuing Third year MECHANICAL ENGINEERING in K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY, TIRUCHENGODE, NAMAKKAL has successfully completed Internship from 16.12.2019 to 21.12.2019 in our company

We found his sincere, hardworking and technically sound result oriented person. He worked well as part of a team during his tenure. We take this opportunity to congrats him and wish him all the best for his future.

FOR UNITED CADD SOLUTIONS

MANAGING DIRECTOR

CAOD SOLUTION PUT LION PAINTAGIRAM, SALEM



UNITED CADD SOLUTION

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DESIGN OF FUTURE

Date: 24-12-2019

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr.K.ASWANTH KUMAR Pursuing Third year MECHANICAL ENGINEERING in K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY, TIRUCHENGODE, NAMAKKAL has successfully completed Internship from 16.12.2019 to 21.12.2019 in our company.

We found his sincere, hardworking and technically sound result oriented person. He worked well as part of a team during his tenure. We take this opportunity to congrats him and wish him all the best for his future.

FOR UNITED CADD SOLUTION

MANAGING DIRECTOR



PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNICLOGY,
K. S. R. KALVI NAT HE
TIRUCHENGOTO SI



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DESIGN OF FUTURE

Date: 24-12-2019

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr.LOGESH.M Pursuing Third year MECHANICAL ENGINEERING in K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY, TIRUCHENGODE, NAMAKKAL has successfully completed Internship from 16.12.2019 to 21.12.2019 in our company

We found his sincere, hardworking and technically sound result oriented person. He worked well as part of a team during his tenure. We take this opportunity to congrats him and wish him all the best for his future.

FOR UNITED CADD SOLUTION

MANAGING DIRECTOR

PRINCIPAL.

K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI TAMIL NADU.



United Cadd Solution

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DESIGN OF FUTURE

Date : 24-12-2019

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr.MANIKANDAN.R Pursuing Third year MECHANICAL ENGINEERING in K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY, TIRUCHENGODE, NAMAKKAL has successfully completed Internship from 16.12.2019 to 21.12.2019 in our company

We found his sincere, hardworking and technically sound result oriented person. He worked well as part of a team during his tenure. We take this opportunity to congrats him and wish him all the best for his future.

FOR UNITED CADD SOLUTION

MANAGING DIRECTOR

CADD SOLUTION PUT LIO

PRINCIPAL.

K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,

K. S. R. KALVI NAGAR.
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NAJU.



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DESIGN OF FUTURE

Date: 24-12-2019

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr.PRADEEP.N Pursuing Third year MECHANICAL ENGINEERING in K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY, TIRUCHENGODE, NAMAKKAL has successfully completed Internship from 16.12.2019 to 21.12.2019 in our company

We found his sincere, hardworking and technically sound result oriented person. He worked well as part of a team during his tenure. We take this opportunity to congrats him and wish him all the best for his future.

FOR UNITED CADD SOLUTION

MANAGING DIRECTOR

OD SOLUTION ON LIDA PANAROURAM, SALEM

PRINCIPAL.

K. S. R. INSTITUTE FOR

ENGINEERING AND TECHNOLOGY.

K. S. R. KALVI NAGAR,

TIRUCHENGODE-637 215,

NAMAKKALDI, TAMIL NADIL

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Corporate Office: #516/228-D. Annapuram. Junction main Road. Five Roads, Salem, Tamilnadu - 636 004, Ph : 2431516, 2440516 tranch Office: CHENNAI, ERODE, NAMAKKAL, TIRUCHENGODE, ATTUR, BHAVANI, TRICHY, PERAMBALUR, KANCHIPURAM, KERALA



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Date: 24-12-2019

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr.PRAVEENKUMAR.S Pursuing Third year MECHANICAL ENGINEERING in K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY, TIRUCHENGODE, NAMAKKAL has successfully completed Internship from 16.12.2019 to 21.12.2019 in our company

We found his sincere, hardworking and technically sound result oriented person. He worked well as part of a team during his tenure. We take this opportunity to congrats him and wish him all the best for his future.

FOR UNITED CADD SOLUTION

MANAGING DIRECTOR

SOLUTION ANNI LED CHANNES ANNI LED CHANNI LED CHANNES ANNI LED CHANNES ANN

PRINCIPAL.
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY.
K. S. R. KALVI NAGAR.
TIRUCHENGODE 637 215,
NAMAKKAL DI, TAMIL NADU.



KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY TIRUCHENGODE- 637215



DEPARTMENT OF MECHANICAL ENGINEERING

INDUSTRY SUPPORTED PROJECT

Academic Year: 2019-20

Company Name: United CADD Solutions Pvt. Ltd.,

S. No.	Name of the Students	Guide Name	Project Title	Year /Sem
	Bharath V			
1.	Boopathi Raja E	CD 1	Design and Analysis of	. dim
	Boopathy K M	S.Balamurugan	Piston Coated With Ceramic Materials	14/11/11
	Chandrasekar K			
	Chellathurai T			10/111
2.	Manojkumar K	77.17.1	Design And Analysis of	
	balaji M	K.Velusamy	Connecting Rod Different Alloy	
	Ethayakumar G		,	
	Kavin P			
3.	Manikandan V	A. D	Design & Analysis of	1/1/1/11
э.	Mohanraj B	A.Premkumar	Chassis With Different Cross Sections	
	Jeevanandham N			
	Prabhakaran M		Design And Analysis of	*
4.	Surya R	K.Velusamy	Centrigugal Pump Impeller Using CFD	[N] N))
	Vignesh B		Analysis	

CENIC Coordinator

PRINCIPAL.
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

HoD / Mech

DESIGN AND ANALYSIS OF PISTON COATED WITH CERAMIC MATERIALS

A PROJECT REPORT

Submitted by

BHARATH V

(731616114006)

BOOPATHI RAJA E

(731616114007)

BOOPATHY K M

(731616114008)

CHANDRASEKAR K

(731616114009)

In partial fulfilment for the award of the degree

of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

ANNA UNIVERSITY:: CHENNAI 600025 SEPTEMBER 2020

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K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

ANNA UNIVERSITY: CHENNAI 600025 BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND ANALYSIS OF PISTON COATED WITH CERAMIC MATERIALS" is the bonafide work of "BHARATH V, BOOPATHI RAJA E, BOOPATHY K M, CHANDRASEKAR K" who carried out the project work under my supervision.

SIGNATURE

Dr. P. MURUGESAN M.E., Ph.D., Mr. S.BALAMURUGAN, M.E.,

HEAD OF THE DEPARTMENT,

SUPERVISOR,

Professor.

Assistant Professor,

Department of Mechanical

Department of Mechanical

Engineering,

Engineering,

KSR Institute for Engineering

KSR Institute for Engineering and

and Technology,

Technology,

Tiruchengode - 637 215.

Tiruchengode – 637 215.

Submitted for the Project report Viva-Voce Examination held on 22.09.20

EXTERNAL EXAMINER

K. S. R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY. K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

ii

DESIGN AND ANALYSIS OF CONNECTING ROD USING DIFFERENT ALLOY MATERIAL

A PROJECT REPORT

Submitted by

CHELLATHURAI T 731616114010

MANOJ KUMAR K 731616114047

BALAJI M 731616114302

EDHAYAKUMAR G 731616114304

in partial fulfillment for the award of the

degree of

BACHELOR OF ENGINEERING

In

MECHANICAL ENGINEERING
KSR INSTITUTE FOR ENGINEERING AND

TECHNOLOGY

TIRUCHENGODE - 637 215

ANNA UNIVERSITY :: CHENNAI 600 025

SEP 2020

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K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI. TAMIL NADU.

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND ANALYSIS OF CONNECTING USING DIFFERENT ALLOY MATERIAL" is the bonafide work of CALLATHURAL T (731616114010), MANOJ KUMAR K (731616114047), BALAJI M Supervision.

SEX PRINT

MURUGESAN, M.E., Ph.D.,

THE SOUT.

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S & Institute for Engineering

and Lechnology,

Extengode.

SIGNATURE

Mr.K.VELUSAMY, M.E., MISTE,

SUPERVISOR,

Assistant Professor,

Department of Mechanical

Engineering,

K S R Institute for Engineering

and Technology,

Tiruchengode,

Namakkal-637215.

for the Project report Viva-Voce Examination held on 22.09.20

STERNAL EXAMINER

EXTERNAL EXAMINER

PRINCIPAL.

K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI. TAMIL NADU.

DESIGN AND ANALYIS OF CENTRIFUGAL PUMP IMPELLER USING CFD ANALYSIS

A PROJECT REPORT

Submitted by

M.PRABHAKARAN

731616114057

R.SURYA

731616114084

B.VIGNESH

731616114092

In partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

IN

MECHANICAL ENGINEERING

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY,
TIRUCHENGOGE – 637215.

ANNA UNIVERSITY:: CHENNAI- 600025

APRIL - 2020

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TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

ANNA UNIVERSITY :: CHENNAI- 600025

SONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND ANALYSIS OF INTRIFUGAL PUMP IMPELLER USING CFD ANALYSIS" is the maride work of PRABHAKARAN M (731616114057), SURYA R 31616114084), VIGNESH B (731616114092), who carried out the project wire under my supervision.

PMURUGESAN, M.E., Ph.D., Mr.K.VELUSAMY, M.E., MISTE TAD OF THE DEPARTMENT,

tment of Mechanical

ancering,

SR Institute for Engineering

Technology,

Trichengode.

akkal-637215.

SIGNATURE

SUPERVISOR,

Professor.

Department of Mechanical

Engineering,

K.S.R Institute for Engineering

and Technology,

Tiruchengode,

Namakkal-637215.

anified for the Project report Viva-Voice Examination held on

EXTERNAL EXAMINAR

K. S. R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY, K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215,

NAMAKKAL Dt, TAMIL NADU.



K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY Tiruchengode, Namakkal - 637215 **Department of Mechanical Engineering**

Value Added Course - MOU Activities

Name of the Company: United CADD Solution Pvt. Ltd.,

Academic year: 2019-20

S. No.	Name of the Course	No. of Hours / No. of Days	Duration	No. of students Attended	Students year of study
1	Computer Numerical Control (CNC)	34 / 6	04.01.2020 to 22.02.2020	54	IV
2	Non Destructive Test (NDT)	40 / 6	02.12. 2019 to 07.12.2019	5 ⊕	IV

CENIC Coordinator

K. S. R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215,

NAMAKKAL DI, TAMIL NADU.

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY

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DEPARTMENT OF MECHANICAL ENGINEERING

R.Srinivasan B.B.M., Vice-Charman Dr.M.Venkatesan, ME.,Ph.D., Principal Dr.P.Murugesan, M.E., Ph.D., Head of the Department

09/06/2019

Circular

Our Mechanical Department Centre for Value Added Education (CENVAE) has planned to conduct the following course in this academic year 2019-2020 in our campus premises. In this regard, the interested students of Second, Third and Final year to enrol your name to CENVAE Coordinator Mr. S.PONNUSAMY AP/ Mech on or before 13/06/2019.

s.no	NAME OF THE COURSE	BEGINNING OF THE COURSE	ENDING OF THE COURSE	YEAR OF STUDENTS CAN PARTICIPATE
1.	CREO for AUTOMATION AND PRODUCTION	17/06/2019	21/06/2019	ш
2.	AUTOCAD	01/07/2019	01/08/2019	II
3.	NDT	02/12/2019	07/12/2019	ΙV
4.	CNC	04/01/2020	22/02/2020	IV

HoD/Mech

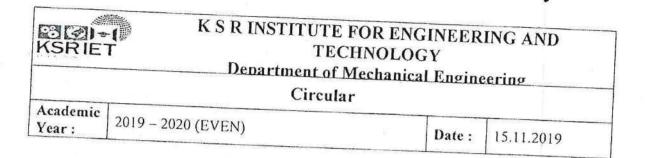
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1) Copy to All Mechanical Engg students

2) Copy to IQAC

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K.S R. KALVI NAGAR,
TIRUCHEYGODE-637 215,

K.S.R. Kalvi Nagar, Tiruchengode – 637215, Namakkal Dist., TamilNadu, India



This to inform that it has been planned to organize value added courses on the following topics for the academic year 2019 - 2020 (EVEN) for final year students. Also the following faculty members are requested to frame syllabus for the value added courses and coordinate the same.

S.No.	Title of the Course		
		Faculty In charge	
l		Dr.P.Murugesan	700,
	NON DESTRUCTIVE	Dr.R.Mani	
	TEST (NDT)	Mr.P.Manikandan	
		Mr.S.Rahul	
	COMPUTER NUMERICAL CONTROL (CNC)	Mr.P.Chakravarthi	
2		Mr.S.Rajkumar	K
- 1		Mr.J.Mathan	
1	(C.I.C)	Mr.P.Karthick	

Dr. M. VENKATESAN, M.E., Ph.D.,
PRINCIPAL,
KSR INSTITUTE FOR
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K.S.R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL DI. TAMIL NADU. H_oD





Department of Mechanical Engineering

Value Added Course - Computer Numerical Control (CNC) Syllabus

S. No	Topic	Hours
	INTRODUCTION	
I	➤ Intro to CAD/CAM/CAE	
	➤ History &Features of CNC	8
	➤ Software fundamentals Terminology	1
	GRAPHICAL USER INTERFACE & COORDINATE	
	SYSTEMS	* *
2	Coordinate Systems - Absolute& Relative coordinates	. 8
	CNC LATHE	
3	BASICS OF CNC LATHE	
	➤ Tool Changing, Billet Setting & Axis	
	BASICS CODES	
	➤ G codes - G00, G01, G02, etc	8
	M codes - M00, M01, M02, etc	
	➤ Letters relations	
	CNC MILLING	6
4	BASICS OF CNC MILLING	
	> Tool Changing, Billet Setting & Axis	
2	SIMPLE OPERATION	
	► Linear movement & Circular movement	10
C	OTHER OPERATION	
	> Mirror, Sub program call, Pocketing, & Drilling	•

COORDINATOROLUNG

Dr., M. VENKATESAN, M.E., Ph.D., PRINCIPAL,

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY, K.S.R. KALVI NAGAR.

TIRUCHENGODE-637 215,

Total Period: 34



(Accredited by NBA, Affiliated to Anna University, Chennai)

Department of Mechanical Engineering

Six Days Value Added Course – Computer Numerical Control (CNC)

Schedule

Date: 10/12/2019

No.	Date	Topic	Name of the Facult
1.	04/01/20	Introduction to CAD/CAM/CAE, History &Features of CNC Software fundamentals Terminology	Mr.P.Chakravarthi & Mr.S.Rajkumar
2.	11/01/20	Graphical User Interface & Coordinate Systems Coordinate Systems - Absolute& Relative coordinates	Mr.J.Mathan & Mr.P.Karthick
3.	25/01/20	Basics of CNC Lathe Tool Changing, Billet Setting & Axis Basics Codes G codes - G00, G01, G02, etc M codes - M00, M01, M02, etc Letters relations	Mr.P.Chakravarthi & Mr.S.Rajkumar
4.	08/02/20	Basics of CNC Milling Tool Changing, Billet Setting & Axis	Mr.J.Mathan & Mr.P.Karthick
5.	15/02/20	Simple Operation Linear movement & Circular movement	Mr.P.Chakravarthi & Mr.S.Rajkumar
6.	22/02/20	Other Operation Mirror, Sub program call, Pocketing, & Drilling	Mr.J.Mathan & Mr.P.Karthick

Coordinator

Dr. M. VENKATESAN, M.E., Ph.D.
PRINCIPAL.
KSRINSTITUTE FOR
ENGINEERING AND TECHNOLOGY
K.S.R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

HOD THAT

K S R Institute for Engineering and Technology Department of Mechanical Engineering

Value Added Course on CNC

S.NC	REG.NO		dimic Year:2019-20
1	73161611400	- I THE STORE	MARKS (50)
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4	73161611401	One manufacture 1	40
5	731616114012	Deepar N	39
6	731616114014	2 majamum N	45
7	731616114019		' 42
8	731616114022	Sormasaniy A	41
9	731616114024		43
10	731616114025	Tant Shankai 1	44
11	731616114027	Inbarasan C	45
12	731616114027	Jayamurugan K S	40
13	731616114032	Kaleeswaran D	45
14		Karole Infanto D	39
15	731616114034	Karthikeyan P	42
6	731616114037	Keerthivasan S	43
7	731616114038	Kesav Goutham N B	41
8	731616114040	Kirubakaran M	41
9	731616114041	Lakshmi Narayanan R	42
0	731616114047	Manojkumar K	43
4	731616114048	Mohammed Nihal R	44
-	731616114049	Mohanakrishnan D	41
4	731616114303	Barath V	45
4-	731616114304	Ethayakumar G	45
-	731616114305	Jeevanandham N	41
	731616114306	Karthi S	40
1	731616114054	Navinkumar M	39
_	731616114055	Parthasarathy R	39
1_	731616114056	Prabakaran S	40
	731616114061	Praveenkumar S	39
1	731616114062	Prem Kumar K R	40
-	731616114063	Ragavendhar S	39
	731616114065	Rajkumar S	42
	731616114066	Ranjith R	39
	731616114071	Ruthrannan B	42
	731616114073	Sakthi Gnanasundaram R H	40
7	31616114074	Sakthivel R	45
7	31616114076	Sanjay Kumar S K	41
	33.77	Santhoshkumar B	43



Dr. M. VENKATESAN, M.E., Ph.D.,
PARCIPAL
BERRING FOR ENGINEERING FOR
K.D.R. KALM BAGAR,
THRUCHENGISTE, 837-215,
NAMARKAL D., LARRY BABU.

40	731616114081	Sathish G	
41	731616114082	Shakthi R M	structured buy a 44
42	731616114083	Sowndhar A	constitution of the last squared in
43	731616114087	Thirumurugan V	39
44,	731616114088	Uthaya Kumar M	5th 5th 3th 40
45	731616114089	Vasanth S	41
46	731616114092	Vignesh B	A 100 39
17	731616114093	Vignesh V	41
8	731616114096	Vinothmani M	45
9	731616114099	Yogaraj G	42
0	731616114311	SURENDHARAN.J	43
	Course (Coordinator	41
	A CHAIR	IoD	- Gr

Dr.M. VENKATESAN M.E. Ph.D.,
PRINCIPAL
K.S.R.INSTRUTE FOR
ENGINEERING AND TECHNOLOGY,
L.S.R. KALVI NASAR,
TIRUCHENGODE-637 215,
NAMAKKALOL TAMIL NADU.



Department of Mechanical Engineering

Value Added Course - Computer Numerical Control (CNC)

Date: 22/02/20

FEEDBACK FORM

Tick the Appropriate Columns:

Parameter Cont. 18 11	Excellent	Very Good		
Content Delivered		rery Good	Good	Satisfactory
Registration				
Program Management				
lospitality				
About Campus				
				The second of th

Participant Name: S. Kasthi

Suggestions for Improvement:

Dr., M. VENKATESAN, M.E., Ph.D.

PRINCIPAL, K S R INSTITUTE FOR

ENGINEERING AND TECHNOLOGY K.S.R. KALVI NAGAR, TIRUCHENGODE-637 215,

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Computer Numerical Control (CNC) in

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Duration 40 Hrs

'H' Grade*

MARCH - 2020 Date of Issue

*C: 40-50, D: 50-60, A: 60-75, H: Above 75

Course Co-Ordinator Mech / KSR IET

IQAC Co-Ordinator

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Department of Mechanical Engineering

Value Added Course - Non Destructive Test Syllabus

S.No	Lecturer Topics	Hours
1.	Introduction What is NDT? NDT Qualification and Certification Difference between NDT and DT	8
2.	NDT methods Basic overview of 13 NDT methods Abbreviations of those methods Liquid penetrate testing	• 6
3.	Practical Level I(LPT-I) What are the liquids are using? Visible red and fluorescent penetrants of various typeof different surface. Use of dry, wet, solvent suspended developers.	8
4.	Manufacturing process and discontinuity Indications Preservation of indications Evaluation of test material	6
5.	Magnetic particle testing Basic principles of MT Four steps of MT Indication	6
6.	Ultrasonic testing Radiography testing	, 6

COORDINATOR [11] LS

Dr. M. VENKATESAN, M.E., Ph.D.,
PRINCIPAL,
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K.S.R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

Total: 40 Hours



K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY Tiruchengode, Namakkal – 637215 Department of Mechanical Engineering

Six DaysValue Added Course - Non Destructive Test

Schedule

Date: 01/12/2019

S.No.	Date	Topic	Name of the Faculty
1.	02/12/19	Introduction What is NDT? NDT Qualification and Certification Difference between NDT and DT	Dr.P.Murugesan & Dr.R.Mani
2.	03/12/19	NDT methods Basic overview of 13 NDT methods Abbreviations of those methods Liquid penetrate testing	Mr.P.Manikandan Mr.S.Rahul
3.	04/12/19	Practical Level I(LPT-I) What are the liquids are using? Visible red and fluorescent penetrants of various typeof different surface. Use of dry, wet, solvent suspended developers.	Dr.P.Murugesan & Dr.R.Mani
4.	05/12/19	Practical Level II(LPT-II) Manufacturing process and discontinuity Indications Preservation of indications Evaluation of test material	Mr.P.Manikandan Mr.S.Rahul
5.	06/12/19	Magnetic particle testing Basic principles of MT Four steps of MT Indication	Dr.P.Murugesan & Dr.R.Mani
6.	07/12/19	Ultrasonic testing Radiography testing	Mr.P.Manikandan Mr.S.Rahul

Coordinator

Dr., M. VENKATESAN, M.E., Ph.D.
PRINCIPAL,
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K.S.R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

KSR Institute for Engineering and Technology Department of Mechanical Engineering Value Added Course on NDT

S.NO	REG.NO	essment Mark Acadimic Y NAME OF THE STUDENT	Marks(50)	
1	73161611400	1 Aakash S	41	
2	73161611400	2 Ajith M	40	
3	73161611400	4 Arshath S	39	
4	73161611400	7 Boopathi Raja E	45	-
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7	731616114015		41	-
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14	731616114028	Jeeva K	42	1
15	731616114029	Jeeva M	43	-
16	731616114030	Jestinraj K	44	
17	731616114031	Joshua Y	45	
18	731616114035	Kavin P	40	1
19	731616114036	Kavinkumar R	41	11.
20	731616114043	Logesh S	40 '	↑ •
21	731616114044	Madhankumar L	39	
22	731616114045	Mageswaran A	42	7
23	731616114050	Mohan Arjun Kumaravel	43	1
24	731616114051	Mohanraj B	44	
25	731616114302	balaji M	39	
26	731616114308	Prasanth S	39	
27	731616114052	Nambiraj J	45	1
28	731616114053	Nandhagobal S	42	1
29	731616114057	Prabhakaran M	40	1
30	731616114059	Praveen R (07-01-1999)	39	1
31	731616114060	Praveen R (31-03-1999)	43	1
32	731616114067	Ranjithkumar R	41	
33	731616114068	Ranjith Kumar V	41	
34	731616114069	Ravichandran S	42	
35	731616114070	Riyaz Ahamed S	45	
36	731616114075	Sanjay Kumar S	40	
17	731616114078	Santhoshkumar V	39 ·	
8	731616114079	Saran K	39	•
9	731616114080	Saranraj S	39	
0	731616114084	Surya R	42	
1	731616114085	Tamilmugilan N	41	
2	731616114086	Thamotharan J	45	
3	731616114090	Vasantha Kumar P	43	
4	731616114091	Velmurugan T	41	
	731616114094	Vijay Anand G	43	
	731616114095	Vijayaragavan P	42	
	731616114098	Vivek P	41	b
	731616114100	Yogesh T	42	/
	731616114309	Sanjeev K P	45	
	731616114309 731616114310	Sanjeev K P Shanmuga Manivel		ENKATESAN, M.E., Ph.D.,

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY K.S.P. KALVI NAGAR, TIR CHENGODE-637 215, NAMAKKALDI, TAMIL NADU.

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Department of Mechanical Engineering

Value Added Course - Non Destructive Test

Date: 07/12/19

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Content Delivered		very dood	Good	Satisfactory
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Hospitality				
About Campus				

Participant Name: P. Karim

Suggestions for Improvement:

Signature of the Participant

Dr. M. VENKATESAN, M.E., Ph.D., PRINCIPAL, K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY,

K.S.R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.



Department of Mechanical Engineering

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Program Management			VIANO VIANO	
Hospitality			***************************************	
About Campus		/	N.C. prompti Strice	

Participant Name: A. Karien.

Suggestions for Improvement:

Signature of the Participant

Dr. M. VENKATESAN, M.E., Ph.D.,

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K S R INSTITUTE FOR

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in Non-Destructive Testing

K S R INSTITUTE FOR ENGINEERING & TECHNOLOGY at

Duration

Grade* ' H '

Date of Issue DECEMBER - 2019

*C: 40-50, D: 50-60, A: 60-75, H: Above 75

Course 60-Ordinator Mech / KSR IET

Mech / KSR TE

IQAC Co-Ordinator

Principal KSR IET

Director
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