

**KSIT**  
K.S. INSTITUTE OF TECHNOLOGY

**K.S. INSTITUTE OF TECHNOLOGY, 560109**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**CSE R & D CENTER**  
**(Affiliated by VTU)**  
**CONSULTANCY**

The CSE department has an R & D Centre affiliated by Visveswaraya Technological University (VTU). Faculty members of the department are collaborating with organizations like UpGrad Education and One97 Communication Limited (PayTM) and many more for consultancy works. The research and consultancy projects worth Rs. 18, 21,807 /- are completed.

Following are the details of the consultancy works by the department faculty:

Year	Name of Faculty	Project Title	Duration	Funding Agency	Amount	Total	Status
<b>2022-till date</b>	Dr. Ram P Rustagi	Consultancy For Providing Technical Guidance in Engineering Design & Development	July 2022 till date	PAQS Pvt. Ltd	45,000/-	45,000/-	
<b>2021-22</b>	Dr. Ram P Rustagi	Consultancy For Providing Technical Guidance in Engineering Design & Development	July 2021 to June 2022	PAQS Pvt. Ltd	1,85,000/-	1,85,000/-	<b>Completed</b>
<b>2020-21</b>	Dr. Ram P Rustagi	Consultancy For Providing Technical Guidance in Engineering Design & Development	July 2020 to June 2021	PAQS Pvt. Ltd	1,36,250/-	5,52,500/-	<b>Completed</b>
	Dr. Ram P Rustagi	Computer Network Course Design	June 2020- Dec 2020	Upgrad Education	4,16,250/-		<b>Completed</b>
<b>2019-20</b>	Dr. Ram P Rustagi	Evaluate Network Architecture from Efficiency and Security Perspective	Mar 2019- Apr 2020	One97 Communication Limited (Paytm)	11,40,775.72/-	11,60,775.72/-	<b>Completed</b>
	Dr. Ram P Rustagi	FDP workshop on networks at Jyothi Institute of Technology, Bangalore	July 19-20, 2019	BITES	20,000/-		<b>Completed</b>
<b>2018-19</b>	Dr. Ram P Rustagi	Workshop on Basics of Cyber Security	2 Days March 11-12, 2019	PES University, Bangalore	20,000	50,000	<b>Completed</b>
	Dr. Ram P Rustagi	Workshop on Joy of Professional Programming Computer Networking	2 Days Feb 28-Mar 01, 2019	Sona College of Technology, Salem	30,000		<b>Completed</b>
<b>Total</b>						<b>19,93,275.72/-</b>	

### DESCRIPTION OF CONSULTANCY WORKS

<b>Title of Work</b>	Consultancy For Providing Technical Guidance in Engineering Design & Development
<b>Company</b>	PAQS Pvt. Ltd
<b>Description</b>	PAQS (Personal Air Quality System) has progressed to initiating an IOT Lab setup, which would also act as Centre Of Excellence (COE) for Computer Science & Engineering Department. This lab would involve installing PAQS air quality sensors, sensor performance analysis and evolve calibration standards to develop low cost sensor. This lab would also be an effort to contribute towards National Clean Air Programme (NACP), which defines national level strategy to tackle air pollution and achieve reduction, PM Concentration 1i inns from 30% to 20% by 2024. The COE - IOT lab setup will provide opportunities for our students to carry out projects in this area, and also faculties can make use of this to conduct research and possibly even carry out their PhD work. This lab would also enable to apply for projects and grants from DBTST (Dept of Bio Technology) and DST (Dept of Science and Technology) as well in collaboration with our industry partner PAQS.

<b>Title of Work</b>	Computer Network Course Design
<b>Company</b>	Upgrad Education
<b>Description</b>	<p>The consultancy work involves the</p> <ul style="list-style-type: none"> <li>• Creation of content for MCA 402 course</li> <li>• Recording the content with Upgrad's production team - ~20 hours of final video output per course</li> <li>• Creation of 30 formative assessments per module i.e. Total of 150 such assessments</li> <li>• Creation of 2 Assignments per course each consisting of 10 questions of format: Problem Statement, Ideal Solution, and Evaluation Rubric</li> <li>• Creation of 1 LAB consisting of 10 questions each per course</li> </ul>

<b>Title of Work</b>	Evaluate Network Architecture from Efficiency and Security Perspective
<b>Company</b>	One97 Communication Limited(Paytm)
<b>Description</b>	<p>The service description are</p> <ul style="list-style-type: none"> <li>• Agency shall provide a consultant to One 97 for evaluating our network architecture from efficiency and security perspective and provide us feedback for implementation.</li> <li>• Agency shall identify suitable candidate as per the requirement of the One97 and make such candidate available to the One97 for its evaluation/screening.</li> <li>• Agency shall use its skill, experience in recruitment and human resources as well as industry knowledge to locate, screen and find best candidate for job profile as shared by the One97 on time and again.</li> <li>• Agency shall source the talent specified by One97 through its network, undertake searches for candidate, do initial screening/short listing of the candidates, act as an interface between One97 and the candidate and if candidate shortlisted by the One97 Agency shall facilitate meetings/interviews for One97 with such shortlisted candidates. if required by the company facilitate other events, further interaction with the candidates identify specific requirements, constraints and preference of the candidate, keep engaged with the candidate on behalf of One97 and provide necessary follow ups with the candidate for its joining, provide necessary reporting requirements to One97 with updates on status of candidates in various stages of the recruitment process as per the instruction of the One97.</li> </ul>

<b>Title of Work</b>	FDP workshop on networks at Jyothi Institute of Technology, Bangalore
<b>Company</b>	BITES
<b>Description</b>	Invited by BITES-Karnataka to conduct a 2-day FDP workshop on Computer Network Labs during July 19-20, 2019 at Jyothy Institute of Technology. The workshop was conducted successfully to help Faculty and students to understand about the basics of networking concepts.

<b>Title of Work</b>	Workshop on Basics of Cyber Security
<b>Company</b>	PES University, Bangalore
<b>Description</b>	Invited by Dr Veena S, HOD MCA Dept, PES University, to conduct a 2-day workshop on Basics of Cyber security at PES university during March 11-12, 2019 which was successfully conducted

<b>Title of Work</b>	Workshop on Joy of Professional Programming Computer Networking
<b>Company</b>	Sona College of Technology, Salem
<b>Description</b>	Invited by Dr. Akilandeswari, HOD Information Technology Dept, Sona College of Technology, Salem, Tamilnadu, to conduct a 2-day workshop on Basics of Network and Transport Layer during Feb 28-Mar 01, 2019 which was successfully conducted

#### PAYMENT DETAILS

2018-19	Sl.No.	Date of Transaction	Transaction ID	Amount Received
Workshop on Basics of Cyber Security- PES University	1	26/3/2109	Cheque No: 327561 UBI	20,000/-
<b>Total</b>				<b>20,000/-</b>

2018-19	Sl.No.	Date of Transaction	Transaction ID	Amount Received
Workshop on Joy of Professional Programming Computer Networking – Sona College of EngG. Salem	1	26/2/2019	DD	30,000/-
<b>Total</b>				<b>30,000/-</b>

2019-20	Sl.No.	Date of Transaction	Transaction ID	Amount Received
Evaluate Network Architecture from Efficiency and Security Perspective One97 Communication Limited (Paytm)	1	16/6/2020	CMS1510885012	1,42,025/-
	2	2/8/2019	CMS1196656756	3,58,327.03/-
	3	13/08/2019	CMS1203987267	3,911.04/-
	4	21/09/2019	CMS1244289984	2,80,800/-
	5	20/12/2019	CMS1335506736	70,200/-
	6	10/2/2020	CMS1392094514	70,200/-
	7	21/2/2020	CMS1404698634	1,40,400/-
	8	24/3/2020	CMS1445053463	70,200/-
	9	3/4/2020	CMS1453035471	4712.65/-
<b>Total</b>				<b>11,40,775.72/-</b>

2019-20	Sl.No.	Date of Transaction	Transaction ID	Amount Received
FDP workshop on networks at Jyothi Institute of Technology, Bangalore BITES	1	24/07/2019	115196 (IDBI)	20,000/-
<b>Total</b>				<b>20,000/-</b>

2020-21	Sl.No.	Date of Transaction	Transaction ID	Amount Received
Consultancy For Providing	1	30/4/2021	SBIN521120662480	46250/-
	2	7/6/2021	SBIN121158985181	43750/-

Technical Guidance in Engineering Design & Development - PAQS Pvt. Ltd	3	7/3/2021	SBIN121066489430	44900/-
	4	26/3/2021	SBIN421085643762	1350/-
<b>Total</b>				<b>1,36,250/-</b>

2020-21	Sl.No.	Date of Transaction	Transaction ID	Amount Received
Computer Network Course Design - Upgrad Education	1	9/9/2020	KKBK202538153694	83250/-
	2	21/9/2020	KKBK202659992321	83250/-
	3	24/12/2020	KKBK203599653543	83250/-
	4	11/01/2021	KKBK210114321748	83250/-
	5	12/02/2021	KKBK210431749860	83250/-
<b>Total</b>				<b>4,16,250/-</b>
2021-22	Sl.No.	Date of Transaction	Transaction ID	Amount Received
Consultancy For Providing Technical Guidance in Engineering Design & Development - PAQS Pvt. Ltd	1	2/2/2022	SBIN222033789037	45000/-
	2	30/09/2021	SBIN421273510649	50000/-
	3	7/7/2021	SBIN321188346859	45000/-
	4	7/8/2021	SBIN421219937239	45000/-
<b>Total</b>				<b>1,85,000/-</b>

2022-till date	Sl.No.	Date of Transaction	Transaction ID	Amount Received
Consultancy For Providing Technical Guidance in Engineering Design & Development - PAQS Pvt. Ltd	1	05/07/2022	SBIN122186085700	45000/-
<b>Total</b>				<b>45,000/-</b>

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