



Anand Nagar, Krishnankoil - 626126, Srivilliputtur (via), Virudhunagar District, Tamilnadu.

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:24-11-2020

Department	ELECTRONICS AND COMMUNICATION ENGINEERING	Application No.	202020027
Area of Research	COMMUNICATION	Research Mode	PART TIME

Name :PANDITI SUNEEL KUMAR
Date of Birth / Age :30-07-1980 / 40 Years
Gender :MALE
Category :SC
e-Mail ID :psunilkumar.mtech@gmail.com
Mobile :8309449494



Father's/Husband's Name	JAYA PRAKASH	Father's/Husband's Occupation	FARMER
Family Income	400000	Residential Type	RURAL
Birth Place	PODILI	Mother Tongue	TELUGU
Religion	HINDU	Martial Status	MARRIED
Aadhaar No.	620663871845	PAN No.	BDPPK6843L
Physically Challenged	NO	Type of Disability	-
Address for Communication: H.NO 42-261/115 SHRAMIKA NAGAR MOULALI SECUNDERABAD MEDCHAL DISTRICT TELANGANA INDIA Pin-50040		Permenant Address: H.NO 42-261/115 SHRAMIKA NAGAR MOULALI SECUNDERABAD MEDCHAL DISTRICT TELANGANA INDIA Pin-500040	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
M.TECH	DECS	JAGRUTI ENGINEERING COLLEGE	2012	76.5	I	REGULAR
B.TECH	ECE	SANA ENGINEERING COLLEGE	2007	57.4	II	REGULAR
DIPLOMA	DECE	SBTET	2004	60	I	REGULAR
SSC	SSC	BOARD OF SECONDARY EDUCATION	1996	65.3	I	REGULAR

Experience				
Organization	Designation	Experience From	Experience TO	Work Nature

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
202020027_201231214610	VHMP9614001836	31-12-2020	600	SUCCESS

UTILIZATION OF DYNAMIC SUB-CHANNEL ALLOCATION FOR CAPACITY ENHANCEMENT OF THE MULTI USER OFDM SYSTEM

ABSTRACT

As of late, Orthogonal Frequency Division Multiplexing (OFDM) a multiplexing plan utilized as a progressed multi-conveyor guideline technique, has changed into a well known example setting advancement for wideband automated correspondence and additionally been viewed as a staggeringly consoling contender for the cutting edge networks. The major thought of OFDM is to distribute transmitted bitstream into a wide extent of sub streams and send these over perpetual isolated balanced sub channels. As to issues of bit of leeway assignment in OFDMA-based remote correspondence structures, a basic bit of the assessment exertion generally bases on finding fit power control and subcarrier task game plans. With systems using multicast transmission, the available plans recorded as a hard copy are not always fitting. Also, the present ways of thinking are particularly hard to reach in even minded structures in which there are limitless subcarriers being utilized, as the important computational weight is prohibitively high.

In the multiuser OFDM-MIMO system configuration, the Resource allocation block at the transmitter was utilized to allocate the bits from various clients to appointed subcarriers dependent on the suboptimal allocation algorithms. Initially, subcarriers are appointed to the highest channel to commotion ratio client and afterward lowest data rate clients are recognized. With no channel swapping, the subcarriers are allotted to the clients and bit rates also refreshed on the subcarrier. At the point when the subcarrier allocation is finished, all the clients get some value of the subcarrier. There is a need to direct a performance analysis on establishment of MIMO and OFDM channels. This is analyzed with exceptional assortments of modulation approaches in Rayleigh fading channel. The performance of framework is analyzed based on various parameters, for example, Bit Error Rate and signal to clamor ratio for special modulation techniques.

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY



HYDERABAD, ANDHRA PRADESH, INDIA

College Code: M8 (S E C, KODAD)

Mr./Ms. Panditi Suneel Kumar
S/o/D/o Jaya Prakash

having fulfilled the academic requirements and passed the examination held during *November - 2007* in *** Second Class *** has this day been admitted by the Executive Council to the Degree of

Bachelor of Technology
(Electronics & Communication Engineering)

Given under the Seal of the University

H.T.No : **04M85A0406**

0739759

Date : 29 March, 2008

B. Deay Kumar

[Signature]

[Signature]

Controller of Examinations

Chief Technical Evaluation

Registrar



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
HYDERABAD - 500 085, ANDHRA PRADESH, INDIA



CONSOLIDATED MARKS MEMO / CREDIT SHEET

Master of Technology- DIGITAL ELECTRONICS & COMMUNICATIONS SYSTEMS

CMM. No. : **C 0119219**

Serial No. : 20175003153

Name : PANDITI SUNEEL KUMAR

Hall Ticket No. : 09P81D3812

Year of Admission : 2009-2010

Name of the College : P8-JIET, CHINTHAPALLIGUDA

Month & Year of Final Exam : January, 2012

Class Awarded : **FIRST CLASS WITH DISTINCTION**

S.No	SUBJECT TITLE	INT MARKS	EXT MARKS	Total Marks	Pass(P)/ Fail(F)
	Maximum Marks in Lab	40	60	100	

I SEMESTER

1	DIGITAL SYSTEM DESIGN	39	26	65	P
2	EMBEDDED REAL TIME OPERATING SYSTEMS	40	24	64	P
3	SIGNAL PROCESSING LAB	40	59	99	P
4	SEMINAR	49	-	49	P
5	ADVANCED DIGITAL SIGNAL PROCESSING	39	44	83	P
6	VLSI TECHNOLOGY AND DESIGN	39	24	63	P
7	ADVANCED DATA COMMUNICATIONS	39	28	67	P
8	MICROCONTROLLERS FOR EMBEDDED SYSTEM DESIGN	39	37	76	P

II SEMESTER

1	IMAGE & VIDEO PROCESSING	39	45	84	P
2	DIGITAL SIGNAL PROCESSORS AND ARCHITECTURES	39	37	76	P
3	ADVANCED COMMUNICATIONS LAB	40	56	96	P
4	SEMINAR - II	46	-	46	P
5	CODING THEORY AND TECHNIQUES	39	24	63	P
6	OPTICAL COMMUNICATIONS TECHNOLOGY	39	27	66	P
7	WIRELESS COMMUNICATIONS & NETWORKS	39	28	67	P
8	LOW POWER VLSI DESIGN	39	26	65	P

III SEMESTER

1	COMPREHENSIVE VIVA - VOCE	-	89	89	P
(Comprehensive VIVA External= 100)					

IV SEMESTER

1	PROJECT WORK*	-	B	-	P
(* A - Excellent, B - Good, C - Satisfactory, D - Un Satisfactory)					

Aggregate Marks Secured : **1218 OUT OF 1600 (76.12%)**

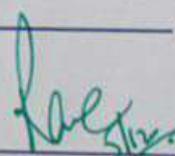
Date of Issue : **May 16, 2012**
(see overleaf for Rules concerned to award of class)



(*Courses registered but not counted for calculation of aggregate)

Heprass
CONTROLLER OF EXAMINATIONS


TRANSFER CERTIFICATE
S.No. : **2897**Admission No.: 946-09Date : 05-12-2019Hall Ticket No.: 09P81D3B12

1. Name of the Student (in block letters) : PANDITI SONEEL KUMAR
2. Father's Name : JAYA PRAKASH
3. Nationality & Religion : INDIAN-HINDU
4. Caste & Sub Caste : SC
5. Date of Birth (in figures & words) : 30-07-1980 (THREE ZERO JULY ONE NINE EIGHT ZERO)
6. Date of Admission : 29-08-2009
7. Class in which the students was admitted at the time of joining : M.TECH 1ST YEAR - (DEECS)
8. Class in which the students was Studying at the time of leaving : M.TECH IIND YEAR - (DEECS)
9. Whether qualified for promotion to higher class : -YES-
10. Whether the student has paid all the fee dues to the college : -YES-
11. Date on which the students has left the college : 16-05-2012
12. Date on which application for T.C was made : 05-12-2019
13. Conduct & Character : -Satisfaction- 



Office Seal

PRINCIPAL

JAGRUTI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE & Per. Affiliated to JNTUH, Accredited by NAAC)

PRINCIPAL Koheda Road, Chintapalliguda (V),

Ibrahimpatnam (M), R.R. District, Telangana State, India



HOLY MARY INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad
Bogaram (Village), Keesara (Mandal), Ranga Reddy (District), A.P., PIN - 501 301
Phones : 08415 - 200251, 040 - 2335 3909
Fax : 040-23813102, Mobile : 98488 89962 /65, 99484 37912

Ref: HIT/Relieving/2013-14

Date: 30-06-2014

SERVICE CERTIFICATE

Sub: Relieving order of **Mr. P. Suneel Kumar**, Assistant Professor in the department ECE.

Ref: Resignation dated: 30-06-2014.

This is to reference with the resignation letter submitted by **Mr. P. Suneel Kumar** on consideration of his request and the reason stated by **Mr. P. Suneel Kumar** is relieved from his duties with effect from 30-06-2014.

This is to certify that **Mr. P. Suneel Kumar** worked as an Assistant Professor in the department ECE in our Institution from 01-07-2011 to 30-06-2014 during this time, his performance was satisfactory.

He was drawing the consolidated salary of 17,000/-at the time of relieving.

PRINCIPAL

To

Mr. P. Suneel Kumar

Assistant Professor (ECE).

PRINCIPAL
Holy Mary Institute of Technology
Bogaram(V), Keesara(M),
Ranga Reddy Dist.

आयकर विभाग
INCOME TAX DEPARTMENT



भारत सरकार
GOVT. OF INDIA

P SUNEEL KUMAR

JAYA PRAKASH

30/07/1980

Permanent Account Number

BDPPK6843L

P. Sunil Kumar

Signature



25092008

INDIAN UNION DRIVING LICENCE

50317326/10

ANDHRA PRADESH

DRIVING LICENCE

DLFAP027151912010

SUNEEL KUMAR P
JAYA PRAKASH

POTHAYARAM
PODILI
PRAKASAM DT



Signature

Issued on 09/08/2010

[Handwritten Signature]
Issuing Authority
RTA ONGOLE

MANDAL REVENUE OFFICE - PODILI
PRAKASAM DISTRICT, A.P - 523 240

G. E. E. *Chandru*
Regd No.
Date *17/03/03*



SSID : 0812-0002-2011-3602 Appl. No: 2003 13

Date: 13-02-2003

COMMUNITY, NATIVITY AND DATE OF BIRTH CERTIFICATE

1) This is to certify that Sri/Smt/Kum -Suneel Kumar Panditi*****
Son / daughter of Sri -Jayaprakash***** of Village/Town
-PODILI (H.No. 8-124)***** Mandal -PODILI*****
District -PRAKASAM***** of the state of Andhra Pradesh belongs to
-MADIGA***** Community which is recognised
as -SC (GROUP-B)*** under

The Constitution (Scheduled Castes) Order 1950
The Constitution (Scheduled Tribes) Order 1950

G.O.Ms. No. 1793, Education, dated 25 - 9 - 1970 as amended from time to
time (B.Cs) S.Cs , S.Ts , list (Modification) Order, 1956 S.Cs and S.Ts
(Amendment) Act. 1976

2) It is certified that Sri/Smt/Kum -Suneel Kumar Panditi*****
is a native of -PODILI***** Village/Town
-PODILI***** Mandal -PRAKASAM***** District
of Andhra Pradesh.

3) It is certified that the place of birth of Sri / Smt / Kum
-Suneel Kumar Panditi***** is -PODILI*****
Village/Town -PODILI***** Mandal
-PRAKASAM***** District of Andhra Pradesh.

4) It is certified that the date of birth of Sri/ Smt/ Kum
-Suneel Kumar Panditi***** is
Day -30***** Month - 7***** Year - 1980*****
(in words)- Three Zero***** -July***** - One Nine Eight Zero**
as per declaration given by his/her father/mother/guardian and as entered
in the school records where he/she studied.

(Seal)



Signature: *[Signature]*
MANDAL REVENUE OFFICER,
PODILI

Designation:



0 8 1 2 2 0 0 3 0 0 0 1 3

13/2/03
1-01st

ANNEXURE-I

CERTIFICATE FROM THE ORGANISATION WHERE THE CANDIDATE IS EMPLOYED

Certified that Mr./Ms./Mrs. P Suneel kumar is employed as (Designation)
Asst. Prof in the (Department/Division Name) ECE of
(Institution/Industry) _____ Name)
HIMT

We have no objection in forwarding his/her application for the Ph. D Research Programme

FOR FULL TIME :

The candidate will be sanctioned leave for the duration of the research programme and will be relieved from
duty from _____ to _____ to undertake the full time research work in the
University.

FOR PART TIME :

The candidate will be permitted to undertake part time study in the University/College and will be allowed to be present for discussions with the supervisor, attending course works, conduct of experiments and participations in seminars and related presentations. Further the required facilities at our organization will also be provided to the candidate for doing research.

Date : 30/12/2020

Signature of the Head of Organization
PRINCIPAL
Hasvita Institute of Management & Technology
Konnara, R.R. Dist-501 301, A.P.