GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT (GITAM)

(Deemed to be University)

Visakhapatnam | Hyderabad | Bengaluru

Research Form - I

Joining Report of Ph.D. program (2020-21_ Phase-II)

1. **Name of the Candidate**: V N V RADHA KRISHNA MURTY
2. **Application ID.**: 218000481
3. **Address**: Bhimavaram,Andhra Pradesh
4. **Mobile No.**: 9440539739
5. **E-mail**: nvrkmveluri@gmail.com
6. **Programme Category**: Part Time
7. **Date of Birth** :5/25/1966 **Age (As on 1st July 2021):** 55
8. **Category** : General
9. **Department** : Physics and Electronics
10. **Online Fee receipt No.** : WSM20161832219 **Dt:** 02 Aug, 2021
11. **Research Supervisor**

    Name: Dr. Majeti Naga Venkata Ramesh

    Designation: Assistant Professor

    Department: Physics and Electronics
12. **Research Co-Supervisor(If any)**

    Name:

    Designation:

    Department:

Fee structure	Ph.D. Degree	Rupees ( ) (Part Time)	Rupees ( ) (Full Time)
	1st Year	Rs. 40,000/-	Rs. 30,000/-
	2nd Year	Rs. 40,000/-	Rs. 30,000/-
	3rd Year	Rs. 40,000/-	Rs. 30,000/-
	4th Year	Rs. 40,000/-	--

Signature of the Research Scholar

Signature of the Research Supervisor(s)

Signature of HOD

Research Admission Coordinator

Principal/Director

Copy to:

1. Assistant Registrar
2. Vice Principal

GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT (GITAM)

(Deemed to be University)

Visakhapatnam | Hyderabad | Bengaluru

Research Form - I

Joining Report of Ph.D. program (2020-21_ Phase-II)

1. **Name of the Candidate**: KIRANBACHINA
2. **Application ID.**: 218002844
3. **Address**: Bhimavaram,Andhra Pradesh
4. **Mobile No.**: 9885169450
5. **E-mail**: kiranbvrcollege@gmail.com
6. **Programme Category**: Part Time
7. **Date of Birth** :4/19/1979 **Age (As on 1st July 2021):** 42
8. **Category** : General
9. **Department** : Physics and Electronics
10. **Online Fee receipt No.** : WHMP0165075182 **Dt:** 03 Aug, 2021
11. **Research Supervisor**

    Name: Kuna lakshun naidu

    Designation: Assistant Professor

    Department: Physics and Electronics
12. **Research Co-Supervisor(If any)**

    Name:

    Designation:

    Department:

Fee structure	Ph.D. Degree	Rupees ( ) (Part Time)	Rupees ( ) (Full Time)
	1st Year	Rs. 40,000/-	Rs. 30,000/-
	2nd Year	Rs. 40,000/-	Rs. 30,000/-
	3rd Year	Rs. 40,000/-	Rs. 30,000/-
	4th Year	Rs. 40,000/-	--

Signature of the Research Scholar

Signature of the Research Supervisor(s)

Signature of HOD

Research Admission Coordinator

Principal/Director

Copy to:

1. Assistant Registrar
2. Vice Principal

(2)

Date: 17/5/2016

From

E.D.V.V. Ram BABU.M.

Department of Biotechnology,

Acharya Nagarjuna University,

Nagarjuna Nagar – 522 510

To

The Principal

ANU Science College

Acharya Nagarjuna University

Nagarjuna Nagar- 522 510

Guntur, A.P

Ph.D (PT)

Sir,

Sub: Submission of Joining Report as ~~Full Time~~/ Part-Time/ ~~Extra Mural~~ M.Phil/Ph.D. Schoiar in Biotechnology- Reg.

Ref:1). Proceeding of the Vice- Chancellor No: ANU/UCS/RS/ Admis- 2015-16/ M.Phil/Ph.D/2016.

2). Letter from Coordinator, Department of Biotechnology dated 12-05-2016.

With reference to the subject cited above, I am here with submitting my joining report as M.Phil./Ph.D.Scholar (~~Full Time~~/ Part-Time/ ~~Extramural~~) in Biotechnology under the guidance of Prof. KRS sambasiva Rao on the fore noon of 17/05/2016 in Department of Biotechnology, Acharya Nagarjuna University. And I am herewith submitting all my relevant original certificates for your kind consideration and necessary action.

Thanking you.

Yours faithfully,

M E A V V Rambabu

Prof. K.R.S. Sambasiva Rao
Department of Biotechnology
Acharya Nagarjuna University
Nagarjuna Nagar-522 510,
Guntur, A.P. INDIA.

Coordinator
Department of Biotechnology
Acharya Nagarjuna University
Nagarjuna Nagar-522 510,
Guntur, A.P. INDIA.

PRINCIPAL
UNIVERSITY COLLEGE OF SCIENCES
Acharya Nagarjuna University
Nagarjunanagar - 522 510

From

K.K.J. Chakravarthy
12-1-27, Karanala Street
Saluru,
Vizianagaram Dt.

Dt. 10.06.2010

To

The Director of Evaluation
JNTUK
Kakinada

Sir,

Sub: Joining Report – Ph.D admissions – Reg.

I here with report to duty as research scholar in physics, at JNT University Kakinada as external candidate under Dr. Ch. V. Srinivas and Dr. P. Dakshina Murthy as research supervisors.

The required fee of Rs. 20,700 is paid in the form of D.D. and the same is enclosed herewith along with P.G. original certificate, Abstract of the proposed research work, No Objection Certificate and permission letter from our principal.

Thanking you sir,

Yours sincerely

(K.K.J. Chakravarthy)
Tandra Paparaya Institute of Science & Technology
Bobbili

R. Supervisor-1

Srinivasu

R. Supervisor-2

Dr. P. DAKSHINA MURTHY, M.Sc., Ph.D.
Asst. Professor Physics
J.N.T. Univ.-College of Engineering
KAKINADA - 533 003.

Grams: "TECHNOLOGY"

Phone: Off: 0884-2300911

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
KAKINADA-533003, Andhra Pradesh (India)
(Newly established by A.P. Act.30 of 2008)

Lr. No. JNTUK/Ph.D admns/2010

Date: 11-06-2010

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. K> Kamal Jithendra Chakravarthy was selected as PhD Research Scholar in this University in the faculty of Physics and he has reported on 11-06-10. In this regard he deposited the PG Degree Original Certificate in this office and paid the yearly tuition fee of Rs.20,700/- by way of Demand draft number 337880 dt. 8-06-10.

for Officer in charge
Superintendent
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
KAKINADA - 533 003, A.P.

ABSTRACT OF PROPOSED RESEARCH WORK SUBMITTED TO JNTUKakinada

TITLE: THEORETICAL STUDIES ON SMALL AND MEDIUM RADIUS NANOTUBES

Name of the Scholar: K.K.J.Chakravarthy

Department: Physics

ABSTRACT

The proposed theoretical investigations on the properties of carbon nanotubes with smaller as well as medium radii, concentrate on their band structure and the related phenomena. As part of the investigations, the two- chain Hubbard model will be studied with reference to low and high energy theories. The correlation effects in small radius and medium radius nanotubes will be analyzed for zigzag and armchair structures of nanotubes.

The coupling analysis of flow equations will be made using renormalization group procedure. Most of the investigations will be on SWNT and DWNT whose results may be extended to analyse the nature of MWNTs.

The same principles may be applied to Boron Nitride nanotubes and a comparative analysis makes the thesis complete.

References:

1. Fabian H.L.Essler, et al., 'The one dimensional Hubbard model', Cambridge University Press (2008)

2. Leon Balents & Matthew P.A. Fisher, 'Correlation effects in Carbon nanotubes', Phys.Rev., B 55, 11973(1997)

3. Leon Balents & Matthew P.A.Fisher,'Weak coupling phase diagram of the two-chain Hubbard model', Phys.Rev.. B 53, 12133(1996)

4. A.Kis et al., Phys.Rev.Lett., 97,025501 (2006)

5. K. Hirahara et al., Phys. Rev., B 73, 195 420 (2006)

Research scholar

Research Supervisor 1

Research Supervisor 2

Dr. Ch. V. SRINIVAS
M.Sc., Ph.D., FUWAI.,
Professor of Physics,
Vishnu Engg. College for Women
BHIMAVARAM - 534 202 (A.P.)