

ALFALEUS

Internship completion certificate

This is to certify that **Mr. Lakshay Nanda** having VIT registration number **16BCE0805** has interned at Alfaleus Technology Private Limited from 10th January 2019 to 28th February 2019. He worked in our offices at Vellore. During this time he worked in graphic designing team for UI design of app and website.

During his tenure he has shown good team spirit and delivered the assignments before deadline. Further, we'll recommend him to other institutions and industries.

Feel free to reach us at info@alfaleus.com for any clarifications.

With Best Regards

S. Kotawala
21 July 2019
Sandal Kotawala
Founder and CEO



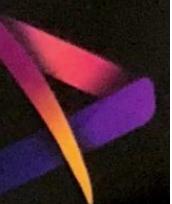
BRANCH OFFICE
002-C, Technology Tower Vellore
Institute of Technology (VIT, Vellore,
Tamil Nadu 632014

REGISTERED OFFICE
II Floor, 654, Vivek Vihar
New Sanganare Road, Jaipur,
Rajasthan (IN) - 302019



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www.alfaleus.com



[**ARCS'18**]
By IEEECS-VIT

CERTIFICATE

of appreciation

This certificate is presented to Hakshay Nanda for participating
in HackBattle during ARCS'18 held from 17th-20th March 2018 at
Vellore Institute of Technology, Vellore.

Hakshay Nanda

g

Tn. Rattu

Dr. Saravanan R
Dean, SCOPE
VIT, Vellore

Dr. Boominathan P
Faculty Coordinator
IEEE Computer Society

Dr. Swathi J N
Faculty Coordinator
IEEE Computer Society



VIT*

(Deemed to be University under section 3 of UGC Act 1956)

IEEE
Computer
Society

RYAN INTERNATIONAL SCHOOL
(A Branch of Ryan International Group of Institutions, India)
Sector - 25, Ph. - III, Rohini,
Delhi-110 085
Tel. : 27932770, 27040384, Fax: 27934550
Email : ris.s25rohini@ryangroup.org



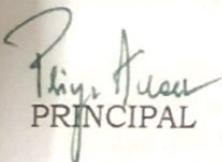
Date: 27.05.2016

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mst. Lakshay Nanda, S/o Sh. Vineet Nanda has been a bonafide student of our institution and has passed the All India Senior School Certificate Examination conducted by CBSE in March 2016 for the academic session 2015-2016.

Lakshay is a sincere and a confident student. Lakshay was awarded with the prestigious Scholar Tie for his meritorious performance in academics. He has also participated actively in events like Model United Nations conferences, International Children's Festival of Performing Arts hosted by Ryan Group of Institutions etc. Lakshay was an active member of the Student Council was appointed Prime Minister in Ryan Student Council 2014-15. He bears a good moral character.

We wish him the best in all his future endeavours.


PRINCIPAL



Bharti Airtel Ltd.
India & South Asia
Airtel Center, Plot No. 16,
Udyog Vihar, Phase - IV,
Gurgaon - 122 015

www.airtel.in
Call +91 124 4222222
Fax +91 124 4248063

July 13th, 2018

To Whomsoever It May Concern

This is to inform you that **Lakshay Nanda** has completed 6 Weeks of internship program with our organization from **May 21st, 2018** to **Jun 29th 2018**.

During his internship stint, **Lakshay** has been sincere in executing all the assigned deliverables.

We wish him all the best for his future endeavors.

Yours Sincerely,

For Bharti Airtel Ltd.

A handwritten signature in blue ink, appearing to read 'R'. To the right of the signature is the date '13/7/18' written vertically.

Authorized Signatory



VIT[®]

Vellore Institute of Technology
An International Techno-Management Knowledge Carnival



Certificate

-----of Appreciation-----

This certificate is presented to

LAKSHAY NANDA

to acknowledge his/her dedication and contribution

as a Student Co-organiser of

Website and Media

committee in

graVITas'18

an International Techno-Management Knowledge Carnival

held at

Vellore Institute of Technology, Vellore

from

12 to 14 October 2018

Convenor

Pro-Vice Chancellor

Vice Chancellor

RYAN INTERNATIONAL SCHOOL

(A Branch of Ryan International Group of Institutions, India)
Sector - 25, Ph. - III, Rohini,
Delhi-110 085
Tel. : 27932770, 27040384, Fax: 27934550
Email : ris.s25rohini@ryangroup.org



TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mst. Lakshay Nanda, S/o Sh. Vineet Nanda has been a bonafide student of our institution and has passed the All India Senior School Certificate Examination conducted by CBSE in March 2016 for the academic session 2015-2016.

Lakshay has helped in various Community Support Projects as mentioned below:

- **Worked For Community Transformation Project**

Spent 2 days in school during the vacations to teach the unprivileged children basics of computers.

- **Went to Mundka area for donation of food and clothes to mark Founder's Day celebration.**

As a part of the social service club, he along with the other members of the group collected old clothes from the students of the school and donated it to an organization called 'SMILE' who works for the welfare of the unprivileged.

- **Rotary Club- Blood Donation Camp**

As the Secretary of the Inter-Act Club (ROTARY INTERNATIONAL), along with the other members of the club proposed the idea of blood donation camps. The idea was implemented and the event was a success. The event was organized twice in a span of 6 months. We served for this cause for the entire span of the PTM.

- **Went to Village Panchali to teach the unprivileged**

As our school had adopted a Village called Panchali in which the school held the complete responsibility of the village which included the studies of the under privileged children. The children of the village were taught about cleaner environment and maintenance of hygiene.

- **Ryan Food Bucket Challenge**

Ryan Group of Institution took an initiative to feed the children from the lower strata. As a part of the student council, Lakshay actively helped the organizing committee in this endeavour, from collection of grains to serving cooked food to the needy. This activity took a preparation time of more than a week. The end the event was a success and was covered in print media too.

- **Anti-Cracker Rally**

To reduce the pollution caused by the crackers, the student council initiated an anti cracker rally to spread the awareness about the ill effects of burning crackers. This led to a mark as most of the students of the school pledged to celebrate no cracker Diwali.

- **Rotary Club-Collection of stationary for underprivileged**

As a Part of the Inter Act Club, stationary items were collected and were later donated to various orphanages.

- **Plantation Drives**

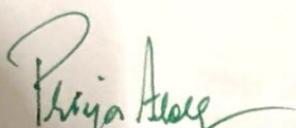
Harit Vasundhra, a dream project of the founder of the school is organized every year in the month of July. He took part in various plantation drives and various awareness programs organized by the school.

- **Swachh Bharat Abhiyan**

Under the guidance of the honorable Prime Minister Shri Narendra Modi, Swachh Bharat Abhiyan has been initiated from the grass root level to pan India Level. School is an active member of this campaign. Various activities like rallies, cleaning the public places have been organized in which he actively participated.

- **Street Play on Save the Girl Child**

With Indian complexities about raising the girl child, he participated in the awareness event on 'Save The Girl Child' through street play at Connaught Place.



PRINCIPAL

Ryan International School
Sector - 25, Rohini
Delhi - 110 085

Research Studies and Education (ICMDRSE-19)

29th - 30th March 2019 | Chennai, India

CERTIFICATE

— OF PARTICIPATION —

This is to certify that

of VIT, Vellore

..... presented his/her
research paper titled *Data Encryption Standard algorithm using Java Remote Method Invocation & OpenMP*

..... at "International Conference on

Multi-Disciplinary Research Studies and Education (ICMDRSE-19)" held on 29th - 30th March 2019 at Chennai, India.

M.T. Lakshay Nanda

Dr. K. Sathiyasekar

Professor

S.A. Engineering College

Dr. K. Maran

Dr. K. Maran

Professor & Director

Sri Sai Ram Institute of
Management Studies



Mr. Ankit Rath

Mr. Ankit Rath

CSO, IFERP

RYAN INTERNATIONAL SCHOOL

(A Branch of Ryan International Group of Institutions, India)

Phase - III, Sector 25,
Rohini, Delhi

Tel.: 011 – 27932770 / 27934510
E-mail : ris.s25rohini@ryangroup.org



Date: 22.12.2015

Ryan Group of Institutions organized an initiative Food Bucket Challenge. This project is to feed the under privileged children . Lakshay Nanda has been a part of the organizing committee of the Food bucket challenge as he represented a prime position of the School's Student Council. Under the Challenge, the School collected 1200 kgs of wheat , 1000 kgs of rice , 450 kgs of pulses along with Biscuits, cakes for the under privileged children.

A Lunch was organized for 500 under privileged children in the School premises. Also, food grains were distributed through the students to orphanages, Leprosy houses and other places of need. He contributed 50 kg of wheat in this project. May he keep such participation and concern to the society.

Mamta Nanda
Mamta Nanda
Principal
Ryan International School
Sector - 25, Rohini
Delhi - 110 085



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E-mail : ris.s25rohini@ryangroup.org



Date: 19.11.2015

It gives me immense pleasure to share that Mst. Lakshay Nanda has been a Volunteer in the Community Transformation Project to teach underprivileged children. He has taken a step forward to give basic knowledge of the Computers to the under privileged children of Pansali Village. He is an active member of Community service club .

He also in collaboration with the community transformation club has been a Volunteer in the Blood donation camp with other members in the position of the Secretary of the Interact club - an integral part of Rotary club which unites global communities as a social welfare organization.

We wish him all the best for his future endeavours.

Mamta Nanda

Mamta Nanda

Principal

Ryan International School

Sector - 25, Rohini
Delhi - 110 085

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E-mail : ris.s25rohini@ryangroup.org



Date: 30.07.2016

Mst. Lakshay Nanda has been an integral part of clean and Green India endeavour of Ryan International Group of Institutions. He has participated in various plantation drives and awareness programs at the school level. He has adopted plants in the school under the dream project 'Harit Vasundhara' of the School Chairman, Dr. A. F. Pinto.

He has actively participated in variety of activities under the initiative of Eco- club in the School through rallies , cleanliness drive , Street play and many more. He has also been an active member of Clean India Initiative promoted by the Hon'ble Prime Minister of India, Sh. Narendra Modi Ji.

Mamta Nanda

Principal

Ryan International School
Sector - 25, Rohini
Delhi - 110 085



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Date: 26.06.18

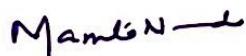
TO WHOMSOEVER IT MAY CONCERN

We would like to express our heartfelt gratitude to **Mr. Lakshay Nanda**, student of B.Tech CSE, at VIT University, Vellore and the core member of IEEE-CS for delivering a very informative and effective lecture as guest speaker on the topic "**Design (After Effects and Photoshop) and Web Development**" on 26th June 2018 at our institution.

It was indeed an extremely splendid experience as you shared your knowledge and valuable tips with our students. Your presence definitely inspired each one of our learners.

We appreciate your effort and initiative and hope you would again be involved in more such future events.

We wish you great success in all your future endeavors.



Principal



LETTER OF RECOMMENDATION

It gratifies me to give this letter of recommendation to **Mr. Lakshay Nanda**, one of the excellent students of School of Computer Science and Engineering (SCOPE) School. He has immense potential and motivation for graduate studies and is a student of high moral and ethical standards. During his study in B Tech. Computer Science and Engineering, I have had the opportunity to closely interact with him for over a period of two semesters as his teacher who taught the course TARP and **Head, B. Tech Computer Science and Engineering.**

He has a good hold on the basic principles underlying the above subject. His intuitive and methodical work has helped him in developing a broad perspective as well as mastery over fundamentals. He has shown great promise by venturing beyond the scope of the subject syllabi. He has been consistent in his academic performance by maintaining CGPA more than 9.1 alongside which he has been conducting his research on his own. His project work on "Sight for Blind with Panic Button" deals with the emerging trends in technology like Machine Learning, Image Processing and Embedded Systems which coincides with his goals and aspirations of implementing his knowledge for the welfare of the society. He has peerless inquisitiveness and enthusiasm to get abreast with the latest developments in this field. He had presentation on "Data Encryption Standard Algorithm using Java RMI and OpenMP" in the International Conference on Multi-Disciplinary Research Studies and Education (ICMDRSE'19) and his paper got accepted for publication. His class works were disciplined and creditable. He has good command over Object Oriented Programming through Java and is an excellent graphic designer.

He has been at the forefront in organizing various departmental activities. He is efficient at organizing various college fests and has exhibited good leadership qualities. He was entrusted with the post of Student Convener for Gravitas'19 and Joint Secretary of IEEE Computer Society-VIT, Vellore.

All the above qualities coupled with his pleasing demeanor, adaptability and initiative have convinced me to place him amongst the top students associated with me last few years. Considering his keen interest in pursuing higher studies and his inclination for research oriented study, I strongly recommend him for admission into your graduate programme with all possible financial assistance.

I take this opportunity to wish him all the best in his future endeavors.

Dr. V. Santhi

Professor

Head, B. Tech. Computer Science and Engineering
School of Computer Science and Engineering
Vellore Institute of Technology, Vellore – 632014
Email : v.santhi@vit.ac.in
Mobile : +91 9688138634





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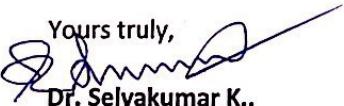
TO WHOMSOEVER IT MAY CONCERN

It gives me immense pleasure to recommend Mr. Lakshay Nanda for Master's in Science Program at your esteemed University. Over the last one and half years of my teaching experience, I have taught more than 1900 students, coming from varied backgrounds and possessing a wide spectrum of talents, abilities and personality traits. I would place Lakshay among the top 2 percentile of all the students whom I have taught. Lakshay has been my student for 6 months in his pre-final year. I have taught him Artificial Intelligence in his 6th semester.

Lakshay is a sincere and hardworking student with unparalleled self-drive to excel in his chosen field of studies. He has been consistent in his academic performance, retaining his class rank by maintaining his CGPA more than 9.1 in his undergraduate program. His ability to ask the right questions and conduct his own research and studies out of the classroom, not only helped facilitate enriching discussions in the class but also reflected his potential for research. The paper, titled 'Brain Tumor Segmentation using U-Net based Fully Convolutional Networks', was the culmination of a 6-month project that Lakshay did, through the entire duration of his 6th semester. I observed Lakshay taking responsibility for learning, for understanding the science behind the research, for making and recording careful observations in the laboratory. His originality and ability to make creative decisions helped us complete the paper in a short span of time.

On a personal level, Lakshay is a well-rounded person, with a lot of enthusiasm for sports and extra-curricular activities. He has also shown his adeptness at organizational skills, especially in a cross-cultural setting. He is approachable and easy to communicate with. I concur with his decisions to pursue graduate studies and strongly recommend him for admission at your university. I believe you will also be inspired by him and thus I sincerely hope you could render him the opportunity of study in your University. Should you have demand for knowing more about this student, you are welcome to contact me via the methods below.

Yours truly,



Dr. Selvakumar K.,

Associate professor,

Department of Computational Intelligence,

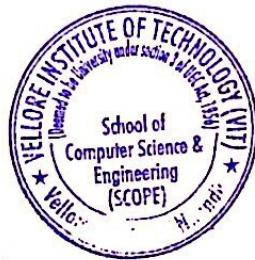
School of Computer Science and Engineering,

Vellore Institute of Technology,

Vellore 632014, Tamilnadu, India

kselvakumar@vit.ac.in

+91 9486435666



Vellore - 632 014, Tamil Nadu, India; Phone: 91 - 416 - 2243091 (10 Lines) Fax: 91- 416 - 2243092

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LETTER OF RECOMMENDATION

It gives me immense pleasure to recommend Mr. Lakshay Nanda, who is applying for the Richard E. Merwin Scholarship offered by IEEE Computer Society.

I have known Lakshay for three years in my capacity as faculty coordinator for IEEE Computer Society – VIT, Vellore Student Chapter. Lakshay has worked under me since he became a part of IEEE Computer Society. He has always been dedicated and has shown a sense of responsibility towards any task assigned to him which is one of the reasons why he was elected to serve as the Joint Secretary of the chapter.

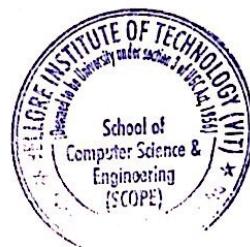
Lakshay often comes up with innovative ideas and interesting methods of organizing various events and attracting students of the institute. Our Institution (Vellore Institute of Technology) has a lot of paperwork involved for any event that is conducted within the university, and taking in consideration, he always got the best incentive for the chapter, being very resourceful.

Lakshay has displayed a number of strengths, the most prominent being his dedication for this chapter. He along with his team had been very successful in organizing our flagship event ARCS'19. The team had worked for 5 months that included numerous late night meetings to plan and execute the event. Along with that he has been volunteering in various events like AICSSYC'18, International TechloopCongress, etc.

I would highly recommend Lakshay Nanda, if his work and contribution towards IEEE Computer Society-VIT, Vellore is any indication of how he would perform in this position, Lakshay will be a positive addition.

Sincerely,

Dr. P. Boominathan
Faculty Coordinator,
IEEE Computer Society,
VIT Vellore – Student Chapter
Email: boominathan.p@vit.ac.in
Mobile: +91 9710220034



Vellore - 632 014, Tamil Nadu, India; Phone: 91 - 416 - 2243091 (10 Lines) Fax: 91- 416 - 2243092

E-mail: registrar@vit.ac.in
www.vit.ac.in



Date: 17.07.2016

TO WHOMSOEVER IT MAY CONCERN

I find great pleasure in recommending Lakshay Nanda for your engineering program. His performance has been exceptional as a student of Ryan International School. It is not surprising that he is ranked amongst the top of the capable class of seniors. I have witnessed his keen interest and phenomenal talent in Physics, Mathematics and Chemistry. His skill and experience to tackle unruly situations with logical and innovative thinking makes him ideal for your program.

Lakshay is a meritorious, diligent and extremely laborious student of our institution and has never failed to prove himself all along his academic journey. He was a scholar for four continuous years and hence was bestowed with a red tie by school as a mark of his academic excellence and regularity. He also served in the capacity of the Prime Minister of the student parliament for the session 2015-16. He showcased passion and dedication for community service by being a part of the ROTARY Club for two consecutive years. He has brought numerous laurels to our school and has participated in various school activities like debates and Model UN conferences. His certificates and prizes in extempore and debates speak on behalf of his effective communication and oratory skills. Active participation in summer camps and school cricket team highlights his commendable performance and confidence. He is always driven to understand how things work which show how well deserving he is for engineering. His achievements include MUN, Inter-house debates, Inter-Ryan Cricket tournaments and the list goes on. Lakshay is a team player, which is evident by his love for cricket and skill of solving problems no matter however technical they may be. He is gentle, courteous and always helpful to his fellow students. He made us proud with an aggregate of 95.4% in his class XII Central Board of Secondary Education examination.

I believe, his profound academic understanding, complemented by his zeal to augment his knowledge will help him excel. He is a person who can persistently work to complete task at hand and to the best of his ability. Lakshay was an asset to the Ryan family and will be to any institution he might associate with. He has demonstrated excellence in all that he puts his mind to, whether it is experimenting or collaborating with a team. His endless curiosity combined with his willingness to take risks and support to innovation lead me to believe that there will be no limit to his achievement in college and beyond.

Mamta Nanda

PRINCIPAL



To whomsoever it may concern

PM Control Systems (India) Pvt. Ltd.
Plot No. 4, 14/3, Mathura Road,
Faridabad - 121 003 Haryana, India
Ph.: +91 0129 2275533, 2275534

It is with immense pleasure that I am writing this reference letter in support of Mr. Lakshay Nanda, who is applying to the Master's in Science program at your esteemed University. I have known Lakshay in my capacity as his mentor for over six weeks at our plant and office at Faridabad, Haryana, India. During his stay with us, we taught him the course on evaluation of Governing Systems and MATLAB programming of the Control Systems currently being used in the world. Through my observation, I would like to say that his approach towards the subject is very attentive, always possesses a positive attitude towards learning and implementation.

Throughout his stay with our organization, Lakshay has shown great interest towards theoretical and practical aspects of the field. We engaged in several courses and research related discussions in which, he confidently talked about his aspiration towards higher education. The governing field is not only limited to simple governing any more. The electronics and software developments have changed the horizon in this field too. Use of Artificial Intelligence and Machine learning in the field is progressing and research work is being carried out in this regard. Lakshay has been involved in several research activities and even has some of his research work published.

I have been tracking his progress as a student on regular basis. He has been actively involved in several University activities besides being having a good curriculum hold. He has been participating in the conferences in the similar fields. Besides the academic record, he also holds the position of Joint Secretary in IEEE Computer Society, VIT. As a person, who is always ready to take up responsibility, carries out his duties with immense dedication.

I have the deepest personal and professional respect for him and sincerely believe that Lakshay will bring his unique energy, optimism, passion and tireless creativity to your academic activities and University as a whole. Thus, he has my highest endorsement for admission into his desired course at your University with full financial aid. If you have any questions about this recommendation, please do not hesitate to contact me for I will gladly try and help.

Best Regards


Praveen Kr. Singh
Head
Hand phone: +919811682392
praveen@pmcontrol.co.in





ICSSIT 2019

**2nd International Conference on Smart Systems and
Inventive Technology
(ICSSIT 2019)**

27-29 November, 2019 | <http://icssit.com/icssit2019/index.html> | info.icssit@gmail.com

**2nd International Conference on Smart Systems and Inventive Technology
(ICSSIT 2019)**

Letter of Acceptance

**Accepted Title : SETI (Search for Extra Terrestrial Intelligence) SIGNAL
CLASIFICATION USING MACHINE LEARNING**

Paper ID : ICSSIT -0136

Authors Name : Lakshay Nanda, VIT, Vellore.

Dear Author

The International IEEE conference review committee has officially accepted and confirmed your oral presentation at our “International Conference on Smart Systems and Inventive Technology (ICSSIT 2019)” which is going to be held at **Francis Xavier Engineering College**, Tirunelveli, India during **27-29 November, 2019.**, we cordially welcome you to join us as a research paper presenter and describe your valuable research insights on your research paper entitled “**SETI (Search for Extra Terrestrial Intelligence) SIGNAL CLASIFICATION USING MACHINE LEARNING**” Henceforth we invite you to share your inventive research experience with the global experts.

Conference Website: <http://icssit.com/icssit2019/>

Kindly consider this as the full-paper acceptance letter. We hope that you will be able to join us for the conference and we look forward to your oral presentation at the conference venue. We welcome you to join in the conference event to share and exchange innovative research ideas that are present across the globe.

Venue Address:

Francis Xavier Engineering College
103/G2, Bypass Road, Vannarpettai, Tirunelveli - 627003
Tamil Nadu, India.

Sincerely,

Organizing Secretary

Dr. Raj Kumar

Associate Professor, Francis Xavier Engineering College,
Tirunelveli, India

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INTERNATIONAL CONFERENCE ON LATEST TRENDS IN ENGINEERING AND MANAGEMENT

14TH - 15TH JUNE 2019 | THE PARK RESIDENCY @ GREATER NOIDA, UP



15th May 2019

Lakshay Nanda,
Department of CSE,
VIT Vellore,

Greetings from ICLTEM, Greater Noida!!!!

We are glad to inform you that your full paper titled "**Sight for Blind with Panic Button**" bearing the paper id **ICLTEM_79312** has been accepted for International conference on Latest Trends in Engineering and Management (ICLTEM-19).

Kindly proceed with the registration process visit the below mentioned link for registration and fee details.

Register yourself at: <http://icitem.com/registration.php>

After registration, please send us the payment successful mail for our verification. We will inform you regarding the payment status within 24hrs of registration.

Regards,

Logaraj
Program Manager
ICLTEM – 2019
Greater Noida, UP

