



#### BIKANERVALA FOODS PVT. LTD

Plot No. 42, Ecotech H. Udyog Viher. Greater Nords - 201301, U.F. (India) Tel. 391 176 4616300 191 - 120 - 4118 109 E-mail info@hkanervala.com Website www.bikanervala.com

Dated:03.08.2019

# To Whom it may concern

This is to certify that Ms. Nivika Garg a student of B.Sc. (Food Technology) Shaheed Rajguru College of Applied Sciences for women University of Delhi, has successfuly completed 7 week internship programme from 08th June 2019 to 19th July 2019 at M/s Bikanervala foods Pvt. Ltd. Plot no.42 ,Ecotech II,Udhyog Vihar, Greater Noida UP.

During the period of her internship programme with us she was found punctual, hardworking and inquisitive.

We wish her every success in life.

For Bikanervala Foods Pvt. Ltd.





भारत सरकार दिल्ली दुग्ध योजना पश्चिमी पटेल नगर नई दिल्ली –110008

# GOVERNMENT OF INDIA DELHI MILK SCHEME

WEST PATTE NAGAR NEW DELIH - 110006

DMS/HRD/Ind Trg/2019

Dated: - 1/07/2019

#### CERTIFICATE

It Is Certified That Ms., Sama Ansari, Student Ot B.Sc.-II (Food Tech.)

From Shaheed Rajgarn College Of Applied Sciences For Women (DII),

VASUNDHRA Luc., Delhi Has Undergone The Industrial Training In This

Organization During The Period Of 3rd June' 2019 To 30th June' 2019.

During The Period Of Industrial Training/Internship, His/Her Performance Was Satisfactory, We Wish Him/Her A Bright Future.

M. K. V. Raman)

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भारत सरकार दिल्ली दुग्ध योजना पश्चिमी पटेल नगर नई दिल्ली –110008 GOVERNMENT OF INDIA DELHI MILK SCHEME WEST PATEL NAGAR NEW DELIII --110008

DMS/HRD/Ind,Trg/2019

Dated: - 1/07/2019

#### CERTIFICATE

It is Certified That Ms. Deepa Yadav, Student Of B.Sc.-H (Food Tech.)
From Shaheed Rajguru College Of Applied Sciences For Women (DU),
VASUNDHRA Enc., Delhi Has Undergone The Industrial Training In This
Organization During The Period Of 3rd June' 2019 To 30th June' 2019.

During The Period Of Industrial Training/Internship, His/Her Performance Was Satisfactory. We Wish Him/Her A Bright Future.

m.@l<u>j</u> (M. K. V. Raman) INCHARGE HRD

प्रभारी (मा.सं.वि.) / In charge (H.R.D.) अनुवान प्रसम्बद्धां section Manager भारत क्षणका/Govt. of India क्षणका/Govt. of India क्षणका/Govt. of India क्षणका/Govt. of India क्षणका/Govt. of India

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भारत सरकार दिल्ली दुग्ध योजना परिचमी पटेल नगर नई दिल्ली –110008 GOVERNMENT OF INDIA DELHI MILK SCHEME WEST PATEL NAGAR NEW DELIII –110008

DMS/HRD/Ind.Trg/2019

Dated: - 06/08/2019

# CERTIFICATE

It is certified that Ms. Riya Semar, student of B.Sc.-H (Food Technology) from Shaheed Rajguru College of Applied Science for Women, Delhi has undergone the industrial training in this organization during the period of 01st July' 2019 To 21st July' 2019.

During the period of industrial training/internship, his/her performance was satisfactory. We wish her/him a bright future.

(M. K. V. Raman) INCHARGE HRD

प्रभारी (मा.सं.बि.) / In change (H.R.D.) अनुमाग प्रवयक/Section Manager भारत सरकार/Govt. of India दिल्ली दुन्य योजना/Delhi Milk Scheme परिचर्गी पटेल नगर/West Patel Nagar नई दिल्ली—110000/New Delhi-110008



# Sanwaria Sweets Pvt. Ltd.

CIN: U15433RJ2007PTC025493

F-837 & 838, RIICO Industrial Area, Phase-III, Sitapura, Jaipur-302022

E-mail: sitapura.bk@gmail.com

01.08.2019

# TO WHOMSOEVER IT MAY CONCERN

This is to certify that, Anupama Chauhan student of Shaheed Rajguru College of Applied Sciences for women, Delhi University, has successfully completed 1 months long Training from 1<sup>st</sup> July 2019 to 31<sup>st</sup> July, 2019 in the Quality Assurance and Control Department at Sanwaria Sweets Pvt. Ltd- Kanha, Jaipur.

During her training she has undergone I Project and has successfully submitted the respective report of that project. She has submitted project on:

# 1. QUALITATIVE ANALYSIS OF BAKERY PRODUCTS

The Project submitted by her were excellent and added value to the organization.

She has shown a great amount of reliability, sincerity and willingness to learn and is capable of working in a multi-sectoral team. We wish her success in all future endeavors.

For Sanwaria Sweets Pvt. Ltd.,

Navdeep Soryan

(DEPUTY GENERAL MANAGER)

Regd. Office:

J-6, Himmat Nagar, Near Gopalpura Fly Over, Tonk Road, Jaipur-302018, Rajasthan



Hindustan Coca-Cola Beverages Pvt. Ltd. 5°, KM Milestone.

5°, KUM Millestone. Masuri Gulawafi Road. Tehsil - Dhaullona, Dist - Hapur (UP)

28.06.2019

# To whomsoever it may concern

It is certified that Garima Kukreja has successfully completed her 4 weeks project started from 01" June 2019.

Topic of Project: Sensory evaluation of Mango Pulp.

During her tenure we found her sincere, hardworking, and passionate for work.

We wish her best for future endeavor.

Yours truly,

For Hindustan Coca-Cola Beverages Private Limited

Manish Kumar Factory HR Manager



भारत सरकार दिल्ली दुग्ध योजना पश्चिमी पटेल नगर नई दिल्ली –110008 GOVERNMENT OF INDIA DELHI MILK SCHEME WEST PATEL NAGAR NEW DELHI –110008

DMS/HRD/Ind.Trg/2019

Dated: - 1/07/2019

### CERTIFICATE

It Is Certified That Ms. Nimisha Singhal, Student Of B.Sc.-H (Food Tech.) From Shaheed Rajguru College Of Applied Sciences For Women (DU), VASUNDHRA Enc., Delhi Has Undergone The Industrial Training In This Organization During The Period Of 3rd June' 2019 To 30th June' 2019.

During The Period Of Industrial Training/Internship, His/Her Performance Was Satisfactory. We Wish Him/Her A Bright Future.

> (M. K. V. Raman) INCHARGE HRD

प्रमारी (मा राजि) i in charge (H.R.D.) अनुमाम प्रकार i Section Manager भारत सरकार/Govt. of India दिल्ली पुत्रा गीलमा/Delhi Milk Scheme महिन्दी गटेल सगर/West Patel Nagar महिन्दी - 11000m/New Delhi-110008



# BANASKANTHA DIST. CO-OP. MILK PRODUCERS' UNION LTD.

Plot No, 921-922, Scetor 68, Industrial Model Township (IMT) Faridabad-121004, Haryana Phone No.: 0129 - 6513881

BNS/FBD/ADMIN/ 453

DT. 11.07.2019

# TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Anns Rani C Student Of "SHAPLEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN" has under gone industrial training for 21 Days at our organization to fulfill the requirements for the award of Degree in "B.Sc (Hons) FOOD TECHNOLOGY". She worked in Liquid Milk Processing, Fermented, Pancer, Packaging, Quality analysis, Utility and sales and distribution during the training under the supervision of our team leaders.

During her tenure with us we found her sincere and hardworking.

For, Banas Dairy Plant-(AMUL)

We wish her great success in the future.

IMT, Taridabad

(uthorized Signatory)

hiace: Faridabad, Haryana

Date: 11/07/2019

Date:-13/07/2019

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Jyoti Yadav D/O Mr. Virendra Kumar Student of B.Sc (Hons) Food Technology at Shaheed Rajguru College of Applied Sciences for Women has successfully undergone industrial training from 01/06/2019 to 29/06/2019 in the Quality Control Department.

During training period, she was found Sincere, Hardworking and good in conduct.

We wish her success in future endeavour.

For Haldiram Snacks Pvt Ltd.

Mahesh Chand Sharma

**Deputy General Manager-HR & ADMIN** 

<sup>■</sup> Malling Address: C-3, Sector - 67, Noida - 201 307 (U.P.) India E T:+91 120 2444 449, E: snacks67@haldiram.com

<sup>☐</sup> Regd. Office: B-1/ H-3, Mohan Co-operative Ind. Estate, Mathura Road, New Delhi-110 044, India ☐ T:+91 11 4520 4100, F:+91 11 2889 8014 / 16, E: haldiram@vsnl.com
☐ Corporate Office: C-31, Sector- 62, Noida - 201 307 (U.P.) India ☐ T:+91 120 4716 500, F:+91 120 4716 556, E: exports@haldiram.com
☐ W: www.haldiram.com ☐ CIN No.: U74899DL1989PTC037732



भारत सरकार दिल्ली दुग्ध योजना पश्चिमी पटेल नगर नई दिल्ली –110008 GOVERNMENT OF INDIA DELHI MILK SCHEME WEST PATEL NAGAR NEW DELHI --110008

DMS/HRD/Ind.Trg/2019

Dated: - 06/08/2019

#### CERTIFICATE

It is certified that Ms. Jyoti Yadav, student of B.Sc.-H (Food Technology) from Shaheed Rajguru College of Applied Science for Women, Delhi has undergone the industrial training in this organization during the period of 01st July' 2019 To 21st July' 2019.

During the period of industrial training/internship, his/her performance was satisfactory. We wish her/him a bright future.

(M. K. V. Raman)
INCHARGE HRD

प्रभारी (मा.सं.यि.)/In charge (H.R.D.) अनुमाग प्रवस्थक/Section Manager भारत सरकार/Govt. of India दिल्ली दुन्ध योजना/Delhi Milk Scheme पश्चिमी पटेल नगर/West Patel Nagar नई दिल्ली-110008/New Delhi-110008



# HALDIRAM SNACKS PVT. LTD.

Date:-13/07/2019

# TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Shalini Singh D/O Mr. Baban Singh Student of B.Sc (Hons) Food Technology at Shaheed Rajguru College of Applied Sciences for Women has successfully undergone industrial training from 01/06/2019 to 29/06/2019 in the Quality Control Department.

During training period, she was found Sincere, Hardworking and good in conduct.

We wish her success in future endeavour.

For Haldiram Snacks Pvt 1 td

Maliesh Chand Sharma

Deputy General Manager-HR & ADMIN

■ Mailing Address: C-3, Sector - 67, Noida - 201 307 (U.P.) India 图 T:+91 120 2444 449, E: snacks67@haldiram.com

□ Regd. Office: 8-1/ H-3, Mohan Co-operative Ind. Estate, Mathera Road, New Debi-110 044, India 图 7:+91 11 4520 4100, F:+91 11 2889 8014 / 16, E: haldinam@vante
□ Corporate Office: C-31, Sector-52, Noida - 201 307 (U.P.) India 图 7:+91 120 4716 500, F:+91 120 4716 556, E: exports@haldinam.com

W: www.haldinam.com □ CN No: 107489901 1989270192722



# MOON BEVERAGES LIMITED

2B/1, Ecotech III, Udyog Kendra, Greater Noida, Distt. G.B. Nagar (U.P.) 201306

E-mail; moongreatemoida@gmail.com Website; www. mmgindia.in

Mobile: +91-8588828779, 9999986409 • CIN No.: U15549DL1987PLC026632

Date: 25 June 2019

# TO WHOM IT MAY CONCERN

This is to certify that Ms. Astha Balodhi D/o Mr. Girish Chander student of B. Sc. Hons. (Food Technology) of Shaheed Rajguru College of Applied Sciences for Women, Delhi has successfully undergone internship training in Quality Assurance of Kinley Water, Carbonated Soft Drink & Juice department at M/s. Moon Beverages Limited, 2B/1, Ecotech-III, Udyog Kendra, Greater Noida, Distt- Gautam Budh Nagar since 29<sup>th</sup> May to 25<sup>th</sup> June 2019.

We wish her all the success in her professional career.

Thanks.

For Moon Beverages Limited

S.R. Pande

General Manager- HR/Admin

9999515154



CORRESPONDENCE OFFICE:

REGD. OFFICE KOLKATTA:

K 67/85-21Bharat Milap Colony, Nati, Imil. Varanasi-221001 Ph. 2210798 Fax 0542-2210734 Mobile - 08874200001E-mail-bdfood@rediffmail.com 8/2 Kiran Shanker Roy Road, 3rd Floor Room No 1&2 Kolkata-700001

Factory At. D. 39 to 45, U.P.S.I.D.C. Agro Park, Karkhiyaon, Phontpur, Varanasi-221206 Phone. 08874202000

CIN No-03110-25.06.2019

# TO WHOM SO EVER IT MAY CONCERN DECLARATION

### **Certification of Training**

This is to certify that Ms. Shruti Pal, B.Sc Honors Food Technology Student of Shaheed Rajguru College of Applied Science for Women (Delhi University) has completed organization structure training in our Firm Parle Biscuits manufacturing unit for the period of 30days (26<sup>th</sup> May 2019 to 25<sup>th</sup> June 2019).

This certificate provided by us will be strictly used for her academic purpose only.

We wish her all success in this future endeavors.

Regards

B. D. Foods (P)

(Authorized Signatory)

B.D. Foods Pvt, Ltd U.P.S.I.D.C Agro Park Plot No. D-39 to D-46 Karkhiyaen, Phoolpur Varanasi-221206



Reg. No.: U67120BR2007PTC013255

Re	f.	No.	
		4 7 5 7 4	

-					
Date	<i>:</i>	 	 	 	

08th July, 2019

# TO WHOM IT MAY CONCERN

This is to certify that Ms. Bhabya, a student of B.Sc (Hons) in Food Technology, Session 2017-2020, Shaheed Rajguru College of Applied Sciences for Women, New Delhi has successfully completed one month "Training Programme" from 05/06/2019 to 05/07/2019 with us. She was found punctual, hardworking and inquisitive.

We wish her every success in life.

For Lavanya Finvest Pvt. Ltd.

Training Co-ordinator





# FICCI RESEARCH & ANALYSIS CENTRE

Plot 2A, Sector 8, Dwarka, New Delhi- 110077 July 31<sup>24</sup>, 2019

Certificate No .: TC 12-15/115

#### TO WHOM IT MAY CONCERN

This is	to certify	that M	Ir/Ms	Provi	een Ko	YUX			has
	ted the Voc						course (	of 36	days at
FICCI	Research	and	Analysis	Centre.	During	this	training	she/he	secured
PASS		grade.							

Mr. Anand Gulati (AVP-Business Development

& Training and Development)

Ms. Monica Gupta (GM- Technical)

Tel.: 91-11- 45333500-510 Fax: 91-11-25360802 E-mail: info@fraclabs.org, Website: www.fraclabs.org





#### CERTIFICATE OF COMPLETION OF INTERNSHIP

This is to certify that Ms. Rashmi Sharma D/o Krishna Prasad Sharma is a student of 4<sup>th</sup> semester B.Sc Hon's Food Technology 2<sup>th</sup> year of SHAHEED RAIGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN (UNIVERSITY OF DELHI) completed in 21 days internship From 20-6-2019 till 11-7-2019 in Quality Control Dept. in Raizel Industries which is parental company of Radiant Manufactures Pvt.Ltd. During this Internship programme us she was found punctual, hardworking and inquisitive.

We wish her every success in life.

Radiant-Manufactures Pvt.Ltd.

Authorized Signature

HR DIVISION

5, Telefax: (0361) 2631330, E-mail: vicky2276@hotmail.com





BIKANERVALA FOODS PVT. LTD.

A-28, Lawrence Road, Industrial Area, New Delhi - 110 035 (India) (CIN) U74899DL1988PTC033644 Tel.: 011-47006700 Fax: +91-11-47006799 E-mail: info@bikanervala.com Website: www.bikanervala.com
Date: 29 June'19

#### **INTERNSHIP CERTIFICATE**

This is to certify that Ms. Shalini Yadav (Roll No. 2017234) student of B. Sc.(H) Food Technology Batch 2017-2020 of Delhi University has successfully completed her Internship in Regulatory Department.

The internship was undertaken by her from 29/05/2019 to 27/06/2019

We hereby certify that her work was satisfactory and wish her all success in future endeavor.

For Bikanervala Foods Pvt. Ltd.

(AGM- Human Resources)





भारत सरकार दिल्ली दुग्ध योजना पश्चिमी पटेल नगर नई दिल्ली —110008

# GOVERNMENT OF INDIA DELHI MILK SCHEME

WEST PATEL NAGAR NEW DELHI --110008

DMS/HRD/Ind.Trg/2019.

Dated: -05/08 /2019

#### **CERTIFICATE**

It is Certified that Ms. Shalini Yadav student of B. Sc. (Food Technology) From Shaheed Rajguru College, Vasundhra Enclave, Delhi-110096 has undergone the industrial training in this Organization during the period of 01st July, 2019 to 21st July, 2019.

During the period of industrial training/internship, his/her performance was satisfactory. We wish his /her a bright future.

(M. K. V. Raman)

प्रभासी (मा.सं.पि.) / In charge (H.R.D.) अनुमाग प्रबन्धक/Section Manager भारत सरकार/Govt. of India दिल्ली दुव्ध योजना/Delhi Milk Scheme पश्चिमी पटेल नगर/West Patel Nagar नहीं दिस्सीमी त्रिक्किप्रिमिकिस्मि। 10008



भारत सरकार दिल्ली दुग्ध योजना पश्चिमी पटेल नगर नई दिल्ली –110008 GOVERNMENT OF INDIA DELHI MILK SCHEME

WEST PATEL NAGAR NEW DELHI --110008

DMS/HRD/Ind.Trg/2019

Dated: -05/08/2019

#### **CERTIFICATE**

It is Certified that Ms. Khushbu Adhikari student of B. Sc. (Food Technology) From Shaheed Rajguru College, Vasundhra Enclave, Delhi-110096 has undergone the industrial training in this Organization during the period of 01st July, 2019 to 21st July, 2019.

During the period of industrial training/internship, his/her performance was satisfactory. We wish his /her a bright future.

(M. K. V. Raman)

प्रभारी MCHAIL (Hehly (H.R.D.) अनुमाग प्रवचक/Section Manager भारत सरकार/Govt. of India दिल्ली दुन्य योजना/Delhi Milk Scheme पश्चिमी पटेल नगर/West Patel Nagar नई दिल्ली—110008/New Delhi-110008



Street Street Labour Statement Live

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Contract patents

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# TO WHOMSOEVER IT MAY CONCERN.

CERTIFIED that Sanna Gupta a student of Shaheed Raiguru College of Applied Sciences for Women has undergone INDUSTRIAL TRAINING in our organization during period 01/06/2019 to 01/07/2019

During training period, we found her conduct and performance to be satisfactory

for GlaxoSmithKline Consumer Healthcare Ltd.,

Manpreet Sodhi Site HR Lead

> Citi 124231PB1958PLC002 Registered Office Patieta Road Nabra (Punjabi, India 14720



# Plot 2A, Sector 8, Dwarka, New Delhi- 110077 July 31<sup>2d</sup>, 2019

Certificate No.: TC 12015/119

# TO WHOM IT MAY CONCERN

This is	to certify	that N	۸r/Ms.	Pay	leen Ko	LY			has
comple	ted the Vo	cation	al Food Ar	nalysis Ind	lustrial Tr	raining	course	of 36	days at
FICCI	Research	and	Analysis	Centre.	During	this	training	she/he	secured
Pass		grade.							

Mr. Anand Gulati

(AVP-Business Development

& Training and Development)

Ms. Monica Gupta

(GM-Technical)

This is to certify that Ms. Muskan D/O Mr. Naresh Kumar Nim of BSc.(H) Food Technology, Shaheed Rajguru College of Applied Sciences for Women, Vasundhara Enclave, New Delhi, has under gone training on "The Study on Processing, Packaging and Quality Assurance of Beverages" at Moon Beverages Ltd, A-32& A-33/16-18 Site IV Industrial area, Sahibabad, Ghaziabad, from 03rd July 2019 to 03rd August 2019 under my supervision.

She was regular, punctual and sincere towards job assigned to her during training period.

I wish best of luck for her future endeavor.

Authorized Signatory

MBL Sahibabad



# MOON BEVERAGES LIMITED

CIN U15549DL1987PLC026632 Plot No. A-32 & A-33/16 to 18, Side - IV. Industrial Area, Sahibabad

Dist! Ghaziabad, U.P. - 201010

Phones: +91 (0120) 4172600 (30 Lines) Fax +91 (0120] 4172658/2896290

E-mail: moonbeveragesitd@gmail.com

Dated: 07/08/2019

# To Whom So Ever It May Concern

This is to certify that Ms. Sakshi Sharma D/O Mr. Jitender Sharma of BSc.(H) Food Technology, Shaheed Rajguru College of Applied Sciences for Women, Vasundhara Enclave, New Delhi, has under gone training on "The Study on Processing, Packaging and Quality Assurance of Beverages" at Moon Beverages Ltd, A-32& A-33/16-18 Site IV Industrial area, Sahibabad, Ghaziabad, from 03<sup>rd</sup> July 2019 to 03<sup>rd</sup> August 2019 under my supervision.

She was regular, punctual and sincere towards job assigned to her during training period.

I wish best of luck for her future endeavor.

Authorized Signatory

MBL-Sahibabad



# MOON BEVERAGES LIMITED

CIN U15549DL1987PLC026632

Plot No. A-32 & A-33/16 to 16. Site - IV. Industrial Area, Sahibabad Dish, Ghaz-abad, U.P. - 201010

Phones: +91 (0120) 4172600 (30 Lines) Fax: +91 (0120) 4172656/2896290

E-mail moonbeveragesitd@gmail.com

Dated: 07/08/2019

To Whom So Ever It May Concern

This is to certify that Ms. Renu Singh D/O Mr. Joginder Singh of

BSc.(H) Food Technology, Shaheed Rajguru College of Applied

Sciences for Women, Vasundhara Enclave, New Delhi, has under

gone training on "The Study on Processing, Packaging and Quality

Assurance of Beverages "at Moon Beverages Ltd, A-32& A-33/16-18

Site IV Industrial area, Sahibabad, Ghaziabad, from 03rd July 2019 to

03rd August 2019 under my supervision.

She was regular, punctual and sincere towards job assigned to her

during training period.

I wish best of luck for her future endeavor.

**Authorized Signatory** 

MBL Sahibabad

# TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Mili Manchanda Student Of "SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN" has under gone industrial training for 21 Days at our organization to fulfill the requirements for the award of Degree in "B.Sc (Hons) FOOD TECHNOLOGY". She worked in Liquid Milk Processing, Fermented, Paneer, Packaging, Quality analysis, Utility and sales and distribution during the training under the supervision of our team leaders.

During her tenure with us we found her sincere and hardworking.

We wish her great success in the future.

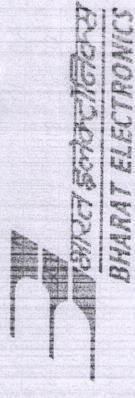
For, Banas Dairy Plant-(AMUL)

IMT, Taridabad

[Authorized Signatory]

Place: Firidabad, Haryana

Date: 11/07/2019



A GOVT. OF INDIA (MINISTRY OF DEFENCE) ENTERPRISE BHARAT NAGAR P.O. GHAZIABAD-201010, (U.P.) HUMAIN RESOURCE DEVELORMENT DEPARTMENT



# TRAINING CERTIFICATE

CHAHEED RAIGURY COLLEGE OF APPLIED SCIENCE FOR ("UPT/464/8.Sc 4/2019) has undergone unpaid practical training during the period from 27th MAY, 2019 to 32 ND 1011E, 2019 This is to certify that 36. 1965 NAS NIBINI SHARMA Turswing B. Sc (H)

The project undersaken by Kim, harwas - JENJERATTION DE RESTE CURUE FOR 1FF SYSTEM

EXCRIBENT

His ther performance during the training was

FOT (B) CARATELECTRONICS LTD. Y

MANAGER (MRD)

Preparat Vyas STREET STREET

Manager (HRD)(GAD) प्रसम्बद्ध का का दूर कि गया बाद

Date: 22 110 14/18 2019





# लेज़र विज्ञान एवं प्रौद्योगिकी केन्द्र LASER SCIENCE & TECHNOLOGY CENTRE



# रक्षा अनुसंधान एवं विकास संगठन DEFENCE R & D ORGANISATION

# प्रमाण पत्र CERTIFICATE

Thi	is to certify that Miss/Mr. VASVI GAUTAM
a student o	F SHAHEED RATGURU COLLEGE, DELHI UNIVERSITY has worked on
the projec	" NOTCH PILTER DESIGN & SPOT EXTRACTION USING CABVIEW "
	guidance of Ms/Mr. VITAYANT BHARDWAT Scientist
at	Laser Science and Technology Centre (LASTEC), Metcalfe House, Delhi,
Defence Re	search and Development Organisation (DRDO) during the Internship
period from	1 4th June 2019 to 18th July 2019
	선생님들이 생각하는 사람들이 살아서 하는데 살아서 하는데 살아내는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하

She/He has successfully completed the Internship and submitted a technical project report for the same.

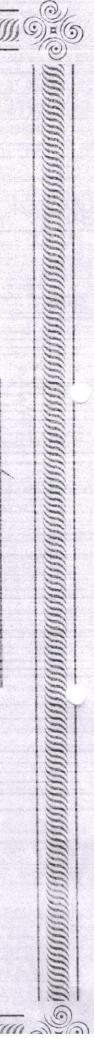
Dr. Devinder Pal Chai Sc. "G"

Divisional Head CASER SYSTEM Division अपर निवेशक (साठ सठ विठ)/Additional Director (स्र कृते निवेशक/For Director लेज़र विज्ञान एवं ग्राँचोरिको केन्द्र Laser Science & Technology Con

टकॉफ भवन, दिल्ली-110054

Laser Science & Technology Cen ेर Twan Grupta, Sc. जि एका मंत्रालय (२० अनु० एवं वि० संगठन) Addl. Director (HRD) Ministry of Defence (DRDO)

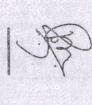
LASTEC, Delhi



THIS IS TO CERTIFY

# SWATHI T

YES FOUNDATION Media for Social Change Fellowship 2019 (Bengaluru Cohort) has successfully completed the



Rohan Das

Executive Vice President & Acting Head, YES FOUNDATION

YES BANK

Supported by

# SHAHEED RAIGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN (UNIVERSITY OF DELHI) DEPARTMENT OF COMPUTER SCIENCE

Department of Computer Science conducted Summer Internship-2019 for students in the form of projects under the guidance of teacher mentors. In order to appreciate students' dedication and work, a presentation of the following projects will be conducted on Monday, 19<sup>th</sup> August 2019 at 2.30 p.m in Lab1.

#### SCHEDULE

# 1. "Exploring Serverless Technologies using Apache Fission Framework"

Students- Shreya Lalit and Shweta Lalit Teacher Mentors- Deepali Bajaj and Urmil Bharti

#### 2. "Central Data Bank"

Students- Ritu, Shubhi Upadhyay, Bharti Rana Teacher Mentors- Deepali Bajaj, Asha Yadav, Neha Gandhi and Dr. Abha Jain

#### 3. "Small World Graphs"

Students- Nishu Choudhary and Ashwini Teacher Mentor- Tina Sachdeva

#### 4. "Admit Card Clearance Project"

Students-Sadhvi, Nisha, Arpita Mishra, Ashwini, Asfi Fatma Teacher Mentors- Asha Yadav and Seema

#### 5. "Alumni Website of SRCASW"

Students-Aparajita, Kalyani Kholia, Harshita Kathuria, Vaishnavi Jha Teacher Mentors- Asha Yadav and Seema

#### 6. "BON APPETIT (Online food ordering for college canteen)

Students-Akansha Rai, Mansi Bhardwaj, Ishika Gupta Teacher Mentors- Asha Yadav and Seema

#### 7. "Simulating Social Networking"

Students-Kamya, Roshni, Prerna Goyal Teacher Mentors- Asha Yadav and Seema

Deepali Bajaj

(TIC, Department of Computer Science)



(विल्ली विश्वविद्यालय) वर्तुचरा एनकोष (विल्ला स्पोर्ट्स कॉप्प्लेक्स के पास) विल्ली 110096

शहीद राजगुरू कालेज आफ एप्लाईंड साइंसेस फार उमेन SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN Vasundhara Enclave (Adjoining Chilla Sports Complex Dehi-110096
Phone(s): 22623503, 22623504

दिनांक/Date 16th oct 2015

H. Ref. No. SRCASWI CS / Internship / 15-16

# To whomsoever it may concern

This is to certify that Ms. Asha Yadav has successfully guided B.Tech. Computer Science students during Summer Internship Project 2015-16 titled "Electronic Voting System". I am pleased to recognize her efforts and wishing her best for future endeavours.

Dr. Alka Vohra Kuanr

(Convener, Research Committee)

(Principal)



शहीद राजगुरू कालेज आफ एप्लाईड साईसेस फॉर वुमैन SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN (दिल्ली विश्वविद्यालय) (विल्ली विश्वविद्यालय)

Vasundhara Enclave (Adjoining Chilla Sports Complex)
Delhi-110096
Phone(s): 22623503, 22623505
Phone/Fax: 22623504

विनाक / Date .. 16 th oct 2015

HAND HE /Ref. No. SRCASWI. CS/ Totel Ship ! 15-16

# To whomsoever it may concern

This is to certify that Ms. Asha Yadav has successfully guided B.Tech. Computer Science students during Summer Internship Project 2015-16 titled "Regression Test Suite Minimization using Set Theory". 1 am pleased to recognize her efforts and wishing her best for future endeavours.

Dr. Alka Vohra Kuanr

(Convenor, Research Committee)

Dr. Payal Mago

(Principal)

# on Technologies Pvt. Ltd.

draprakash Building, Barakhamba Road, ght Place, New Delhi-110001



# Summer Internship Appreciation Letter

Date: 15th July 2019

# To Whom So Ever It May Concern

This is to certify that Ms. BHAWANA has successfully completed Summer Internship program with our organization in Ethical Hacking. During the span of her Internship with us, the candidate has been actively & diligently involved in the projects and tasks assigned to her. The candidate has exclusively worked over the project which implicated on the practical execution of the courseware and the skills the students had learned with us as part of the Microsoft Technology Associate Certification Program with us from 3rd June to 12th July 2019.

Project Name: Tom and Jerry Walthrough

We found her sincere, hardworking, technically sound and result oriented. She has shown an impressive skill towards being a diligent task handler as well as collaborating with the team and being a seamless part of the team during her tenure. She has shown the ability to incorporate the ideologies and concepts of the company and being a strong team player and contributing towards successful result oriented goals.

We take this opportunity to thank her to part of our organisation and wish her all the best for her future.

Yours Sincerely,

Ms. Akanksha Jain

Rautina aur.

Manager - Human Resource

Kyrion Technologies Pvt. Ltd.

Address: B-92, G.T Karnal Road, Industrial Area, Delhi-110033 (India)

Email: hr@kyrion.in Website: www.kyrion.in



# **Certificate of Selection**

Akansha Rai from Shaheed Rajguru College of Applied Sciences has successfully secured Web Development internship at Blue Tick Technology through Internshala.

Sarvesh Agrawal Founder & CEO Date of certification: 2019-06-20

Certificate Number: AE0DF18C-8A0C-330B-F400-BA34DE1FF14A
For certificate authentication please visit https://internshala.com/verify\_certificat

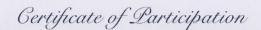


# **Certificate of Selection**

Akansha Rai from Shaheed Rajguru College of Applied Sciences for Women has successfully secured Web Development internship at Fitlark Internet Solutions through Internshala.

Sarvesh Agrawal Founder & CEO Date of certification: 2019-01-29

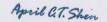
Certificate Number: 57DF349D-5C29-682F-8E52-B10EE4D6EA55
For certificate authentication please visit https://internshala.com/verify\_certificat



presented to

# Kalyani Kholia

this is to certify the person na<mark>med</mark> abo<mark>v</mark>e participating in Global Initiatives Symposium in Taiwan at National T<mark>aiwan University</mark> during July 8th to 12th, 2019.

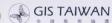


Vice President of Student Affairs of National Taiwan University



Chief Director of GIS Taiwan 201





# CERTIFICATE OF ACHIEVEMENT

awarded to

# Kalyani Kholia

as a 2nd place winner of the Corporate Culture: Safe Behaviour at Production Site Impact Challenge presented by Kazzinc at the HPAIR Asia Conference 2019. August 16-20, 2019 I Nur-Sultan, Kazakhstan

Agris (hateful)

Leila Akhmetova Executive Director



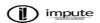
Charles Michael Executive Director



Andrey Lazarev Executive Director,

Administraion, Kazzinc





IMPUTE Inc. Marunouchi 3-2-2 Chiyoda-Ku, Tokyo, Japan 100-0005 Phone +81-3-6837-4545 www.impute.co.jp

#### Internship Offer with IMPUTE Inc.

Date: - June 8th, 2019

Hunar Batra

Email: batra.hunar@gmail.com

#### Dear Humar,

I am delighted & excited to welcome you to IMPUTE Inc., as a Mobile App development Intern. At Impute, we believe that our team is our biggest strength and we take pride in hiring ONLY the best and the brightest. We are confident that you would play a significant role in the overall success of the venture and wish you the most enjoyable, learning packed and truly meaningful internship experience with IMPUTE Inc.

Your appointment will be governed by the terms and conditions presented in the Annexure A.

We look forward to you joining us. Please do not hesitate to call us for any information you may need. Also, please sign the duplicate of this offer as your acceptance and forward the same to us.

#### Congratulations!

Thanks & regards,
Mayank Singh, PhD
CEO
Impute Inc.
Marunouchi Nijubashi Building 2F
Marunouchi 3-2-2, Chiyoda-Ku
Tokyo, 100-0005
W: +81-3-6837-4545



I am contented to endorse this letter of recommendation in favor of Ms. Hunar Batra. Hunar is one of the smartest and most diligent interns we've had at Inverted Sense from 20th December 2019 to 20th April 2019. After getting high level direction, she delivered the Chatbot Development project on time and exceeded our expectations. She was a positive force for the team, showing her eagerness to contribute wherever she could and thus, proved to be a huge asset to our team. She has the ability to organize her time and aim for perfection.

She was curious and dedicated throughout the internship. She completed all her tasks with utmost diligence and perfection. Huner is adept at developing chatbots and designing the conversational user interface. We were surprised to see her enthusiasm and an unquenchable thirst for learning new things.

She learned new skills, explored new platforms and integrations, and created several chatbots for real businesses. Her ability to quickly translate client requirements into a chatbot was exceptional. Simultaneously, she also worked on planning, designing, building, training, testing and defect resolution. She shows a lot of interest in defects solving, having not only resolved many in a short span of time but also making sure that they do not recur in the future. She also concentrated on the procedure of documenting the changes in a lucid way for future reference, which would be understandable to a non-technical professional too and tried to analyze the data best to her knowledge and capabilities. She proved their caliber as an effective mentor by helping newly hired interns with knowledge transition and getting up to the speed quickly.

With the right combination of commitment, sincerity and willingness to learn, I'm sure she has a very bright future ahead of her. I am very impressed of Hunar's work, and would highly recommend her to any institution.

Adesh Bhansali Founder



Dear Applicant

We would like to congratulate you on being selected for the 2 months internship program under the supervision of Dr. Amita Kapoor at Artificial Intelligence Research Lab, SRCASW.

As discussed during the interview process, this is a non-paid academic internship during which you will be expected to provide 18-20 hours per week. You agreed to report to the research lab once a week to discuss the progress.

Please find the specifics of your internship:

Position Title: Intern Start Date: June 17, 2019 (For 2 Months)

Kindly confirm your acceptance by responding to this email.

Thank you

Neha Soni Research Scholar Department of Electronic Science University of Delhi Linkedin Google Scholar



# THRILL ZONE TRUST

www.thrillzone.in

Date: May 26, 2019

# TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Aayushi Vishnoi, student of Shaheed Rajguru College Of Applied Science For Women has undergone internship at Thrill Zone from April 25, 2019 to May 25, 2019.

During this period, she worked as a Social Media Marketing Intern for the company.

We wish her success in all her future endeavors.

For Thrill Zone,

Shreya Kapoor

(General Manager)

# cādence

12th June 2019

To,

The TPO Shaheed Rajguru College of Applied Sciences for Women Delhi

Sub- Regarding industrial training request

Respected Sir/Madam,

This is reference to your letter dated 6th June 2019. We are pleased to inform you that we would like to offer training for Amisha Singh at our premises Plot Nos. 57 A,B & C Noida Special Economic Zone, P.O. NEPZ, Noida-201305, U.P, for a period of 1.5 months, starting from 12th June 2019.

This training is solely for the academic and professional experience and benefit, Also kindly note there is no stipend entitled during this training period. This training with us is subject to and conditioned on Amisha Singh signing the Company's Trainee Invention and Confidential Information Agreement.

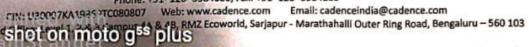
Please note that this training is solely at the discretion of Cadence Design Systems (India) Private Limited, and will not be construed as regular employment with Cadence Design Systems (India) Private Limited, and does not create any acquired right or legitimate expectation of employment with Cadence Design Systems (India) Private Limited , on termination of this training.

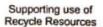
Sincerely yours,

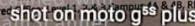
Sr HR Manager

Cadence Design Systems (India) Pvt. Ltd.

Plot Nos. 57 A, B & C, Nolda Special Economic Zone, P.O. NEPZ, Nolda – 201 305, U.P., India Phone: +91- 120- 3984000, Fax: +91- 120- 3984203











# THRILL ZONE TRUST

www.thrillzone.in

Date: July 08, 2019

# TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Namita Walia**, student of **Shaheed Rajguru College Of Applied Sciences For Women** has undergone internship at Thrill Zone from June 03, 2019 to July 03, 2019.

During this period, she worked as a Social Media Marketing Intern for the company.

We wish her success in all her future endeavors.

For Thrill Zone,

Shreya Kapoor

(General Manager)



# **GravEiens EDUservices Pvt Ltd**

Date: 28-May-2019

Ms. Kratika Singhal

**Private & Confidential** 

# Subject-Internship Letter

This is to certify that Ms. Kratika Singhal ,D/O-Mr. Navneet Kumar, who is currently pursuing B.Sc (Mathematics Hons.) from Shaheed Rajguru College of Applied Sciences for Women, University of Delhi has successfully completed her Internship Program of 2 Months with GravEiens EDUservices Pvt. Ltd . Her Internship tenure was from 28th May 2019 To 28th July 2019. She has worked on various projects with our Subject Matter Expert Teams and was actively & diligently involved in the projects and tasks assigned to her.

During the span, we found her punctual and hardworking person. Her learning powers are good and she picks up swiftly. Her feedbacks and evaluations proved that she learned keenly. Moreover, her coordination skills and interpersonal skills are par excellence and her attention to details is impressive.

We wish her a bright future ahead.

Thanks & Regards

GravEiens EDUservices Pvt Ltd

GrayElens EDUservices Pvt. Ltd.

Director -

Corporate office: Suite B-09, H-15 BSI Building, Sector 63, Noida

Contact no. 8543074293 / 7703985159

Email: info@gravelens.com Website: www.gravelens.com Registered office: Sanjay Kumar Singh

Village Mamura , Noida

Gautam Budh Nagar, Uttar Pradesh

India, 201301



# THRILL ZONE TRUST

www.thrillzone.in

Date: May 26, 2019

# LETTER OF RECOMMENDATION

This is awarded to Ms. Aayushi Vishnoi, student of Shaheed Rajguru College Of Applied Science For Women, in recognition of her dedication and outstanding contribution to Thrill Zone as a Social Media Marketing Intern.

Congratulations on your performance!!

We wish her success in all her future endeavors.

For Thrill Zone,

Shreya Kapoor

(General Manager)

# GRIPMER



Ref.:ACAD/FN. 072/19

THE GANGA RAM INSTITUTE FOR POST GRADUATE MEDICAL EDUCATION AND RESEARCH

GRIPM

New Delhi-110060 Tel.: 011-42251666, 42251667, 42251668, Website: www.sgrh.com Email: academics@sgrh.com

GRIPMER Academic Block, 6th Floor, Casualty Bulding, Sir Ganga Ram Hospital,

Date 18-06-14

This is to certify that

MANS SAIN

has successfully completed his/her Internship/F<del>ellowshi</del>p/<del>Observershi</del>p/<del>Training</del> in the

Department of HEMATOLOGY

Sir Ganga Ram Hospital, New Delhi-110060

w.e.f. 04-06-2019 to 18-06-2019

During the above period his/her work & conduct has been found satisfactory.



testitute for PG

lucation & Research) Dean, GRIPMERRam Hospital

Head of the Deptt.

"In-vitro assessment of anti-diabetic, anti-oxidant, antibacterial and anti-inflammatory activities of traditional edible plants – Trachyspermum ammi and Sesamum indicum"

> Summer Project Report 2019 Submitted to DR. MANISHA KHATRI

Shaheed Rajguru College of Applied Sciences for Women University of Delhi Department of Biomedical Science



Submitted by
Monica Sharma and Chanchal Choudhary
Institute name: Kurukshetra University, Kurukshetra

Under the supervision of
Dr. Manisha Khatri
Asst. Professor
Deptt. of Biomedical Sciences
Shaheed Rajguru College of Applied Sciences for Women

**University of Delhi** 



22, Site IV, Sahibabad, Ghaziabad - 201 010 (U.P.) INDIA

Ph. : +91 - (0120) - 3378400 (30 Lines)

Fax: +91 - (0120) - 4152279

DRF/HR-Trng
05 July 2019

# TO WHOM IT MAY CONCERN

This is to certify that Ms. Saloni Chawla has done her training in Dabur Research Foundation, Sahibabad.

During her association with us she was given project in "Formulation of herbal antiaging gel creams and its efficacy assessment" effective from 27<sup>th</sup> May 2019 to 27<sup>th</sup> June 2019.

She performed the assigned task given to her with sincerity and dedication under the guidance of Dr. Kriti Soni, Pr. Research Scientist, Formulation Department, Dabur Research Foundation.

We wish her success for a bright future.

For Dabur Research Foundation

Dr Manu Jaggi\
Chief Operating Officer

Jayachandran Kandoth Sr. Manager-HR



A Unit of Dharamshila Cancer Foundation and Research Centre

DNSH/HR/92

17/07/2019

# INTERNSHIP CERTIFICATE

This is to certify that Ms. Shradha Tyagi D/O Mr. Arun Kumar Tyagi, a Student of B.Sc (Hons.) Bio Medical Science, affiliated to Shaheed Rajguru College of Applied Sciences for Women, Delhi University, was posted in our hospital for internship from 17.06.2019 to 16.07.2019.

This certificate is being issued on completion of her Internship in the Department of Pathology.

Her performance was found to be good.

We wish her success in her future career.

Hema Marline Acijer

Dr. Hema Malini Aiyer Clinical Lead Pathology

MBBS, MD(Path)

DR HEMA MALINI AIVER MSBS, MD(Path)

Sr. Consultant Lab Medicine & Cilalcal Lead HISTO/CYTO/IHC Di aramshila Narayona

Dharamshila Marayana Superspeciality Hos, ital Savita Anushree

AGM- Human Resources





# Summer Undergraduate Research Programme -2019 Dr. B.R. Ambedkar Center for Biomedical Research University of Delhi, Delhi-110007



# Certificate of Participation

and malabar. Dr. B. R. Ambedkar Center for Biomedical Research, University of Delhi held between Participated in the Summer Undergraduate Research Programme 2019 organised by 3rd June, 2019 to 15th July, 2019.

Dr. Aparna Dixit

Co-ordinator

∠ Prof. Daman Saluja

Director, ACBR



# शहीद राजगुरू कॉलेज ऑफ एप्लाईड सांईसेस फॉर वुमैन SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN

(दिल्ली विश्वविद्यालय) वसुंचरा एनक्लेव (चिल्ला स्पोर्ट्स कॉम्पलेक्स के पास) दिल्ली-110096

दूरभाष : 22623503, 22623505 दुरमाष/फैक्स : 22623504

Vasundhara Enclave (Adjoining Chilla Sports Complex)

Phone(s): 22623503, 22623505 Phone/Fax: 22623504

दिनांक / Date..... संदर्भ सं。/Ref. No. SRCASW/....

# TO WHOMSOEVER IT MAY CONCERN

This is to certify that the research work embodied in the summer project entitled "Invitro Assessment of anti-diabetic, anti-bacterial and anti- inflammatory activities of traditional edible plants - Mentha spicata, Coriandrum sativum and Murraya koenigii" has been carried out by Ms. Zohra Hashmi for completion of one month Summer Internship at Shaheed Rajguru College of Applied Sciences for Women, University of Delhi under the supervision of Dr. Varsha Mehra. She duly has submitted her internship report. Her internship tenure was from 17th June 2019 to 17th July 2019. Further it is certified that the work presented is original and has not been submitted in part or full for any other degree or diploma of any other University.

She has shown adequate interest throughout the duration of the project.

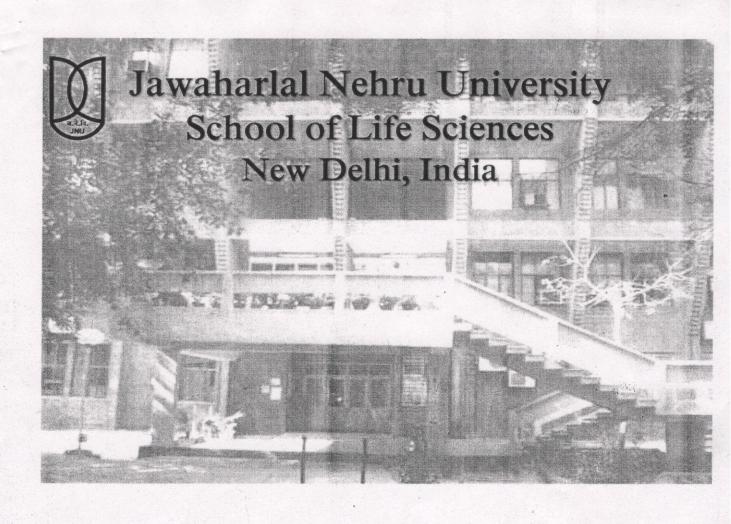
I wish her all the best for future endeavors.

Dr. Varsha Mehra Assistant Professor (Senior Scale) Shaheed Rajguru College of Applied Sciences For Women, University of Delhi

Official Seal

Dr. Varsha Mehra **Assistant Professor** Department of Biomedical Science Shaheed Rajguru College Of Applied Sciences for Women Vasundhra Enclave, Delhi-96

ক্লোৰ্ড ক্ৰিক (Brack May 12 green मस्यम एनायन्त्र नह च न्यून्तानायः Assertion Back 1.1(an Cent-1) post



# Certificate of Participation

This is	to certify that N	/ls./Mr	: Ansh	ika Kansal	
partici	pated in the S	umme	r Research Pi	oġramme	2019 (27 <sup>th</sup>
May 2	019 to 05 <sup>th</sup> July	2019)	at the School	of Life Sc	iences, JNU
from	27.05.2019	to	05.07.2019	_ and s	successfully
comple	eted the training				

Mobert Barol.

Dr. Abhisheka Bansal Co-ordinator Prof. Ajay Saxena
Co-ordinator

Prof. K. Natarajan

Dean, SLS

www.rajgurucollege.com



# SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN (दिल्ली विक्वियालय) शहीद राजगुरू कॉलेज ऑफ एप्लाईड सांईसेस फॉर बुमैन (UNIVERSITY OF DELHI)

Vasundhara Enclave (Adjoining Chilla Sports Complex)

Phone(s): 22623503, 22623505 Delhi-110096

Phone/Fax 22623504

दिनांक/Date.

era e. Ref. No. SRCASWI.

# TO WHOMSOEVER IT MAY CONCERN

17th July 2019. Further it is certified that the work presented is original and has not been submitted in part or full for any other degree or diploma of any other University. of traditional edible plants - Mentha spicata, Coriandrum sativum and Murraya vitro Assessment of anti-diabetic, anti-bacterial and anti- inflammatory activities This is to certify that the research work embodied in the summer project entitled "Inhas submitted her internship report. Her internship tenure was from 17" June 2019 to month Summer Internship at Shaheed Rajguru College of Applied Sciences for Women, University of Delhi under the supervision of Dr. Varsha Mehra. She duly knenigil" has been carried out by Ms. Dhoopchhaya Sarkar for completion of one

She has shown adequate interest throughout the duration of the project.

I wish her all the best for future endeavors.

Dr. Varsha Mehra Shaheed Rajguru College of Applied Sciences Assistant Professor (Senior Scale)

For Women, University of Delhi

Official Scal

Department of Biomedical Science Stated Rajour College Of Applied Sciences for Women Dr. Varsha Mehra Assistant Professor Vasundhra Enclave, Dethi-96

एप्टनाई ह सार्वतास कीर पुनन शाधीद राजगुरू कोलेज आँप

## **Report on SEC Projects**

In the academic session 2019-2020, at the Department of Electronics, students of 2<sup>nd</sup> year worked on projects based on Arduino as a part of their SEC paper on Robotics. Students simulated their experiments using TinkerCad as well as implemented those circuits using Arduino Board and other circuit elements. They made simple robot models using Arduino: like traffic light with LEDs, temperature sensing robots, light sensing robots, smart room model based on temperature and light sensors, etc. The aim of the above mentioned exercise was to inculcate the aptitude of developing hobby robots and gain expertise on Arduino based robotics. The group wise list of the projects performed by the students is appended in the following pages. Excerpts from some of the files submitted by the students have also been appended.

Basant Saini

**Basant Saini** 

(Teacher Coordinator)

Group	Name of The Student	Name of Project
No.		
1	AANCHAL	Display a traffic light using LEDs and Arduino.
	ADITI GUPTA	
	AFREEN	
	AGREEMITA GUPTA	
	AKANKSHA KUMARI	
	APARNA	
	RIYA GOSAIN	
	RIYA SIWACH	
	SHABNAM	
2	AYATRI RAY	Temperature Sensor and Light Sensor control for
	BANI HALDAR	Smart Room
	DEEPIKA CHOUDHARY	
	HIMANSHI SINGH	
	HIMANSHI VAISHYA	
	JYOTI	
	SHALU KUMARI	
	SHIVANI GUSAIN	
	SHRESHTHA SAINI	
3	JYOTI GUPTA	Temperature Sensing Robots
	JYOTI YADAV	
	JYOTI YADAV	
	KAJAL SINGH	
	KOMAL	
	NEHA JANGID	
	SWATI SINGH	
	UZMA ALVI	
4	NIKETA GUPTA	Light Sensing Robots
	PALI JUGRAN	
	PARUL PANDEY	
	POOJA MITTAL	
	PRIYA SINGH	
	RASHMI BHANDARI	
	VANSHIKA SALWAN	
	VIBHA YADAV	

# Design of a traffic light protoype using Arduino.

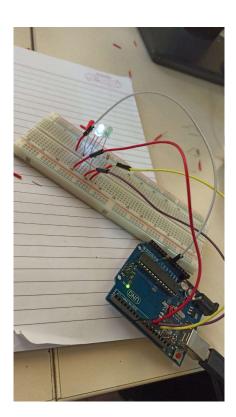
# **CODE**

```
void setup() {
// put your setup code here, to run once:
 pinMode(8,OUTPUT);
pinMode(9,OUTPUT);
pinMode(10,OUTPUT);
Serial.begin(9600);
}
void loop() {
// put your main code here, to run repeatedly:
 digitalWrite(8,HIGH);
 digitalWrite(9,LOW);
 digitalWrite(10,LOW);
 Serial.print("STOP");
  Serial.println();
 delay(1000);
 digitalWrite(9,HIGH);
 digitalWrite(8,LOW);
 digitalWrite(10,LOW);
 Serial.print("WAIT");
  Serial.println();
 delay(1000);
 digitalWrite(10,HIGH);
 digitalWrite(8,LOW);
 digitalWrite(9,LOW);
 Serial.print("GO");
 Serial.println();
 delay(1000);}
```

# **OUTPUT**

# Agreemita Gupta (18066558004)





OBJECTIVE: To design a smart room prototype to sense temperature and turn "On Fan" and "Turn On Lights" automatically using ARDUINO UNO.

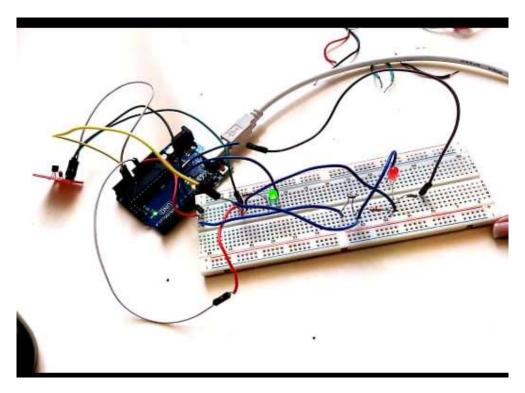
## **APPARATUS REQUIRED:**

- Arduino UNO
- Bread board
- Three LEDs
- Temperature Sensor
- LDR
- Resistors (10 k & 1 k)
- Jumper Wires & USB Cable

### **CODE:**

```
float temp;
int tempPin =A1;
int led=13;
int lightSensorPin=A0;
void setup()
       pinMode(led,OUTPUT);
       Serial.begin(9600);
 }
void loop()
       temp = analogRead(tempPin);
       // read analog volt from sensor and save to variable temp
       temp = temp * 0.48828125;// analog = digital=((temp\1024.0)*5000)/10
       // convert the analog volt to its temperature equivalent
       Serial.print("TEMPERATURE = ");
       Serial.print(temp);//display temperature value
       Serial.print("*C");
       if (temp> 22)
              Serial.print("turn on fan");
       int sensor value = analogRead(lightSensorPin);
      if (sensor value < 150)
         Serial.print("turn on LED");
        digitalWrite(led, HIGH);
    Serial.println();
    delay(1000);// update sensor reading each one second
}
```

# **CIRCUIT AND OUTPUT:**

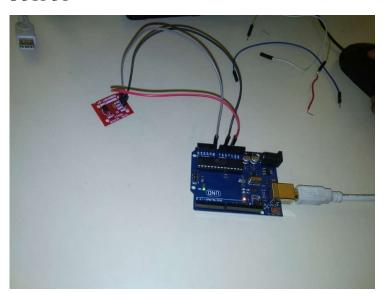


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# To design a prototype for temperature detection using temperature sensor and Arduino CODE

```
float temp;
int tempPin = 0;
void setup() {
 Serial.begin(9600);
}
void loop() {
  temp = analogRead(tempPin);
 // read analog volt from sensor and save to variable temp
 temp = temp * 0.48828125;
 // convert the analog volt to its temperature equivalent
  Serial.print("TEMPERATURE = ");
 Serial.print(temp); // display temperature value
  Serial.print("*C");
  Serial.println();
  delay(1000); // update sensor reading each one second
}
```

# **OUTPUT**

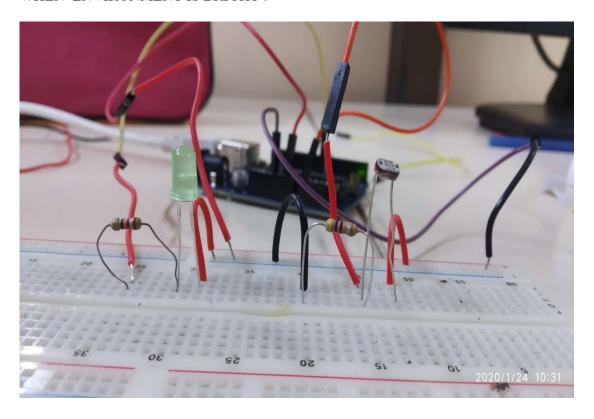


# Jyoti Gupta (18066558013)

TEMPERATURE	=	25.39*C
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TEMPERATURE	=	25.39*C
TEMPERATURE	=	25.39*C
TEMPERATURE	=	25.39*C
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TEMPERATURE	=	25.88*C
TEMPERATURE		
TEMPERATURE	=	25.88*C
TEMPERATURE		
TEMPERATURE	=	25.88*C

# To design a prototype for light detection using LDR and Arduino

WHEN ENVIRONMENT IS BRIGHT:



# WHEN ENVIRONMENT IS DARK:

