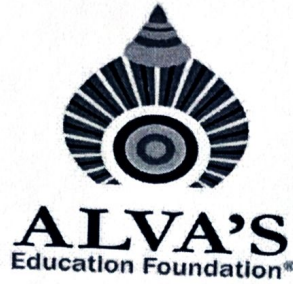


**ALVA'S INSTITUTE OF ENGINEERING AND
TECHNOLOGY**

Shobhavana Campus, Mijar – 574225, Moodbidri.
Dakshina Kannada Karnataka, India.



Department of Information Science and Engineering

ONLINE CERTIFICATION COURSE

On

“Nanotechnology and its Applications”

ACADEMIC YEAR

2019-2020



ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri – 574 225

Phone: 08258-262725 Fax: 08258-262726

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Date: 3/07/2020

Place: AIET, Moodbidri.

APPROVAL LETTER

To

The Principal,
AIET,
Moodbidri

Respected Sir,

**Sub: - Approval Letter for Organizing Students Certification
Program on "Nanotechnology and its Applications"-Reg.**

With reference to the subject cited above, I would like to bring to your kind notice that, the Department is planning to host a Student Certification Course Program on "Nanotechnologies and its Applications" from "16th July to 20th July 2020".

Resource person is Dr. Raju Hazare, Associate Professor, BMSITM, Bengaluru

Kindly consider the above request and approve the same for further proceedings.

Thanking you Sir.

Coordinator
Mr. Nagesh UB

HOD
Prof. Jayantkumar A Rathod
Dept. Of Information Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

Principal
Dr. Peter Fernandes
PRINCIPAL
Alva's Institute of Engg. & Technology,
Mijar. MOODBIDRI - 574 225, D.K



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Dated 07/July/2020

CIRCULAR

It is hereby informed to all the 4th, 6th and 8th semester students that department is organizing online certification program on "**Nanotechnology and its Applications**" **from 16th July 2020 to 20th July 2020**. All the students are hereby instructed to attend the same without fail.

A handwritten signature in black ink, appearing to be "H. O. D.", written over a horizontal line.

(HOD)

H. O. D.

Dept. Of Information Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

Resource Person

Dr. Raju Hajare

Associate Professor, BMSITM Bangalore

rajuhajare@bmsit.in

Convener:

Prof. Jayantkumar A Rathod

H.O.D Department of ISE,

AIET Moodbidri

Coordinators:

Mr. Nagesh U.B.,

Dept. of ISE, AIET Moodbidri

Mob: 9449954834

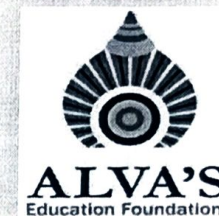
Email: nageshub@aiet.org.in

ABOUT THE INSTITUTION

Alva's Education Foundation (AEF) established in 1995 with the vision of our Chairman Dr. M. Mohan Alva has succeeded in making Moodbidri, an Educational hub in the South Canara Region, with more than 25000 students pursuing various courses ranging from primary school to post-graduate courses in social sciences, pure sciences, engineering and management. There are 21 institutions functioning under the Alva's Education Foundation.

Alva's Institute of Engineering and Technology, Moodbidri is a Premier Engineering Institute of Alva's Education Foundation, established in the year 2008. The college is certified to the ISO 9001: 2008 standards. The institute offers top quality education in five under graduate programs in Engineering- Computer Science, Civil, Electronics & Communications, Information Science, and Mechanical Engineering- Three Post Graduate programs- Master of Technology in Thermal Power Engineering, Computer Science & Engineering, VLSI Design Embedded System and Master of Business Administration.

Alva's Institute of Engineering
and Technology, Moodbidri



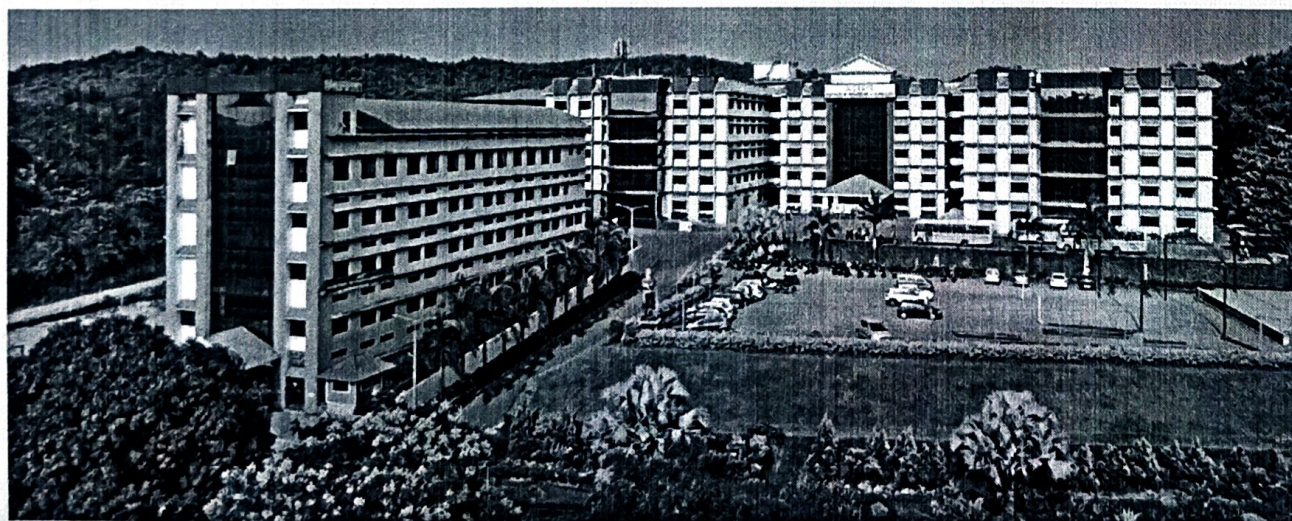
**5 Days Certification
Program
On**

**"Nanotechnology and its
Applications"**

**From 16th July to 20th July
2020**

Organized by

**Department of Information
Science and Engineering**



ABOUT THE DEPARTMENT

The Department was started in the year 2008 with an intake of 60 for the undergraduate program. The course has become popular among students due to their achievements and rigor. The department has well qualified, experienced and committed faculty to provide quality industry tuned education to the students. The faculty members regularly participate in Workshops, Faculty development programs and seminars to keep themselves updated with the cutting-edge technologies. Faculty members prolifically publish research papers in renowned journals and conferences Department has well-equipped laboratories housing state of the art equipment including computer systems with the latest configurations, which are completely networked and the latest software for applications and development areas. The department is affiliated with Visvesvaraya Technological University (VTU), Belagavi.

COURSE CONTENT

- Introduction to Nanotechnology
- Tools and Techniques
- Approaches Used
- Applications of Nanotechnology
- Pitfalls of Nanotechnology

VISION

To Impart quality learning and nurture students to become successful technocrats by achieving excellence in information science and engineering field for addressing the evolving needs of the industry as well as the society.

MISSION

M1: To provide quality technical education and research training for preparing competent professionals in the Information technology field.

M2: To provide a suitable infrastructure and environment that inculcates the best engineering practices for the Socio-economic development of society.

M3: To foster the students to become successful technocrats to meet the global competency in the field of IT industry.

M4: To develop entrepreneurship skills with active research and innovation by inculcating ethical values among students.

16-July-2020

Inauguration: 09.00 am to 10:00 am
Keynote Address: 10.00 am to 11.00 am
Tea Break: 11.00 am to 11.15 am
Session 1: 11.15 am to 01.00 pm
Lunch Break: 01:00 pm to 02:00 pm
Session 2: 02:00 pm to 05:00 pm

PROGRAM SCHEDULE

17-July-2020

Session 3: 09.00 am to 11:00 am
Tea Break: 11.00 am to 11.20 am
Session 4: 11.20 am to 01.00 pm
Lunch Break: 01:00 pm to 02:00 pm
Session 5: 02:00 pm to 05:00 pm

18-July-2020

Session 6: 09.00 am to 11:00 am
Tea Break: 11.00 am to 11.20 am
Session 7: 11.20 am to 01.00 pm
Lunch Break: 01:00 pm to 02:00 pm
Session 8: 02:00 pm to 05:00 pm

19-July-2020

Session 9: 09.00 am to 11:00 am
Tea Break: 11.00 am to 11.20 am
Session 10: 11.20 am to 01.00 pm
Lunch Break: 01:00 pm to 02:00 pm
Session 11: 02:00 pm to 05:00 pm

20-July-2020

Session 12: 09.00 am to 11:00 am
Tea Break: 11.00 am to 11.20 am
Session 13: 11.20 am to 01.00 pm
Lunch Break: 01:00 pm to 02:00 pm
Session 14: 02:00 pm to 05:00 pm



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

Phone: 08258-262725, Fax: 08258-262726

Department of Information Science & Engineering

Students Participants List

IV Semester

SN	USN	NAME	16/7	17/7	18/7	19/7	20/7	Signature
1	4AL17IS013	DEEKSHA	1	2	A	3	4	Deeksha
2	4AL17IS029	NAMITHA D	1	2	3	4	5	Namitha D
3	4AL17IS046	SHREYAS R SHETTY	1	2	3	4	5	Shreyas R Shetty
4	4AL16IS043	RAMYA V	1	A	2	3	4	Ramyav
5	4AL17IS018	JAI SUBHASH B	1	2	3	4	5	Jai Subhash B
6	4AL17IS020	JOHNSON CRASTHA B	1	2	3	4	5	Johnson Crastha B
7	4AL17IS042	SAI KUMAR S	A	2	2	3	4	Sai Kumar S
8	4AL18IS001	A V SHIVANI	1	2	3	4	5	A V Shivani
9	4AL18IS002	ABHIMAN H R	1	2	3	4	5	Abhiman H R
10	4AL18IS003	AMARJIT YANGLEM	1	2	3	4	5	Amarjit Yanglem
11	4AL18IS004	ASHMITHA V MENDON	1	2	3	4	5	Ashmitha V Mendon
12	4AL18IS005	BHUVAN S T	1	2	3	4	5	Bhuvan S T
13	4AL18IS006	CHINMAYI M K	1	2	3	A	4	Chinmayi M K
14	4AL18IS007	DEEPTHI	1	2	3	4	5	Deepthi
15	4AL18IS008	DHANANJAY KUMAR P S	1	2	3	4	5	Dhananjay Kumar P S
16	4AL18IS009	DHANUSHA	1	2	3	4	5	Dhanusha
17	4AL18IS010	DHANYA LAXMAN BYNDOOR	1	A	2	3	4	Dhanyalaxman Byndoor
18	4AL18IS011	K SHIRISHA SHETTY	1	2	3	4	5	K Shirisha Shetty
19	4AL18IS012	MAHANTESH GIDADAMANI	1	2	3	4	5	Mahantesh Gidadamani
20	4AL18IS013	MANASA B	1	2	3	4	5	Manasa B
21	4AL18IS015	NIKHIL S ACHARYA	1	2	3	4	5	Nikhil S Acharya
22	4AL18IS016	P POOJA	1	2	3	4	5	P Pooja
23	4AL18IS017	POOJA K G	1	2	3	4	5	Pooja K G
24	4AL18IS019	RANJAN KUMAR	1	2	3	4	5	Ranjankumar
25	4AL18IS020	RANJITHA	1	2	3	4	5	Ranjitha
26	4AL18IS021	SACHIN G RAO	1	A	2	3	4	Sachin G Rao
27	4AL18IS022	SHETTY RAMYASHREE SHASHIDHAR	1	2	3	4	5	Ramyashree Shashidhar
28	4AL18IS025	VAIBHAVI V BHAT	1	2	3	4	5	Vaibhavi V Bhat
29	4AL18IS026	VEDANTH M	1	2	3	4	5	Vedanth M



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VI Semester

SN	USN	NAME	16/7	17/7	18/7	19/7	20/7	Signature
1	4AL15IS014	MANTHAN A.B	1	2	3	4	A	Manthan
2	4AL15IS028	PRATHIKSHA PATKAR	1	2	A	3	4	Prathiksha
3	4AL15IS034	REKHA HALLI	1	2	3	4	5	Rekha
4	4AL16IS004	ANJU D R	1	2	3	4	5	Anju
5	4AL16IS022	KEERTHANA S	1	2	3	4	5	Keerthana
6	4AL16IS058	VARADA	1	2	3	4	5	Varada
7	4AL16IS064	MAHIMA R	1	2	3	4	5	Mahima
8	4AL17IS001	AHIMSA JAIN	1	2	3	4	5	Ahimsa
9	4AL17IS002	AKSHATHA L HEGDE	1	2	3	4	5	Akshatha
10	4AL17IS003	AKSHATHA A M	1	2	3	4	5	Akshatha
11	4AL17IS004	AKSHITA A POOJARY	1	2	3	4	5	Akshita
12	4AL17IS005	ALBIN GEORGE	1	2	3	4	5	Albin
13	4AL17IS006	AMIN VISHAK DINESH	A	1	2	3	4	Amin
14	4AL17IS007	ANJALI C J	1	2	3	4	5	Anjali
15	4AL17IS009	ASHWINI	1	2	3	4	5	Ashwini
16	4AL17IS010	ASHWITHA R SALIAN	1	2	3	4	A	Ashwini
17	4AL17IS012	DANUSH KUMAR	1	2	3	4	5	Danush
18	4AL17IS014	DIKSHIT GOVIND KOTIAN	1	2	3	4	5	Dikshit
19	4AL17IS015	DIVYASHREE	1	2	3	4	5	Divyashree
20	4AL17IS016	GANGOTHRINI V	1	2	3	A	4	Gangothrini
21	4AL17IS021	KARUNA N	1	2	3	4	5	Karuna
22	4AL17IS022	KAVYASHREE S	1	2	3	4	5	Kavyashree
23	4AL17IS023	KSHAMA	1	2	3	4	5	Kshama
24	4AL17IS024	KUNDER MAYURESH RAGUNATHA	1	A	2	3	4	Kunder
25	4AL17IS025	LOKESH P	1	2	3	4	5	Lokesh
26	4AL17IS026	MANISH R	1	2	3	4	5	Manish
27	4AL17IS027	MELODY NAOREM	1	2	3	A	4	Melody
28	4AL17IS028	METHISH R	1	2	3	4	5	Methish
29	4AL17IS030	NANDA KISHORE V	1	2	3	4	5	Nanda
30	4AL17IS031	NAVYA POOJARY	1	2	3	4	5	Navya
31	4AL17IS032	NIKITHA SHETTY	1	2	3	4	5	Nikitha
32	4AL17IS033	PAVAN Y N	1	2	3	4	5	Pavan
33	4AL17IS034	PRASHANTH REDDY C	1	2	3	4	5	Prashanth
34	4AL17IS035	PRIYA	1	2	3	4	5	Priya
35	4AL17IS036	RACHANA SHETTY	1	2	3	4	5	Rachana
36	4AL17IS037	RACHITHA SHETTY	1	2	3	4	A	Rachitha
37	4AL17IS040	ROOPASHREE J	1	2	3	4	5	Roopashree
38	4AL17IS043	SHETTY RACHANA	1	2	3	4	5	Shetty



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		CHANDRASHEKAR	1	A	2	3	4	Chandrashekar
39	4AL17IS045	SHREYAS H E	1	2	3	4	5	Shreyas H E
40	4AL17IS048	SRIHARI B	1	2	3	4	A	Srihari B
41	4AL17IS050	T K HARSHITH PRAASAD	1	2	3	4	5	T.K. Harshith Praasad
42	4AL17IS051	THANGSABAM BIKUMAR SINGH	1	2	3	4	5	Thangsabam Bikumar Singh
43	4AL17IS053	ZEENAL MANOLA LOBO	1	2	3	4	5	Zeenal Manola Lobo
44	4AL17IS054	CHAITANYA BN	1	2	3	4	5	Chaitanya BN
45	4AL17IS055	NAGASHREE S	1	A	2	3	4	Nagashree S
46	4AL17IS056	MELISHA DSOUZA	1	2	3	4	5	Melisha Dsouza

VIII Semester

SN	USN	NAME	16/7	17/7	18/7	19/7	20/7	Signature
1	4AL15IS002	AISHWARYA M B	1	2	A	3	4	Aishwarya M B
2	4AL15IS003	AKSHAY SHENOY	1	2	3	4	5	Akshay Sheno
3	4AL15IS004	AKSHAY SHENOY	1	2	3	4	5	Akshay Sheno
4	4AL15IS010	H M MILANA	1	2	3	4	A	H M Milana
5	4AL15IS021	PAVAN R	1	2	3	4	5	Pavana R
6	4AL16IS002	AMULYA	1	2	3	4	5	Amulya
7	4AL16IS005	ANKITHA P	1	2	3	4	5	Ankitha P
8	4AL16IS006	ANUSHA	1	2	3	4	5	Anusha
9	4AL16IS007	APARNASHREE R	1	2	3	4	5	Aparnashree R
10	4AL16IS008	APOORVA R	1	2	3	4	5	Apoorva R
11	4AL16IS009	CHANDANA N S	1	2	3	4	5	Chandana N S
12	4AL16IS012	DARSHAN P B	1	2	3	4	5	Darshan P B
13	4AL16IS013	DHEERAJ SHETTY	1	2	3	4	5	Dheeraj Shetty
14	4AL16IS014	GAGANA G R NAYAKA	A	1	2	3	4	Gagana G R Nayaka
15	4AL16IS015	GIRIJA R	1	2	3	4	5	Girija R
16	4AL16IS016	GOWTHAMI H R	1	2	3	4	5	Gowthami H R
17	4AL16IS017	HANVITAA G	1	2	3	4	5	Hanvitaa G
18	4AL16IS018	HEGDE AKSHAY RAGHURAM	1	2	3	4	5	Hegde Akshay Raghuram
19	4AL16IS021	K S VEDA	A	1	2	3	4	K S Veda
20	4AL16IS023	KRITHI K SHETTY	1	2	3	4	5	Krithi K Shetty
21	4AL16IS024	LIKITHA P	1	2	3	4	5	Likitha P
22	4AL16IS026	M RAMAKRISHNA	1	2	3	4	5	M Ramakrishna
23	4AL16IS027	MANOHAR MASTHI GOWDA Y K	1	2	3	4	A	Manohar Masthi Gowda Y K
24	4AL16IS029	MEGHANA NAIK	1	2	3	4	5	Meghana Naik



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25	4AL16IS030	MOULYA M	1	2	3	4	5	Maulth
26	4AL16IS031	NAGENDRA PRASAD S	1	2	A	3	4	Nagend
27	4AL16IS033	NIKSHITA	1	2	3	4	5	Nikshita
28	4AL16IS034	PARINITHA K P	1	2	3	4	5	Parinit
29	4AL16IS035	POOJA N	1	2	3	4	5	Pooja
30	4AL16IS036	PRATHIKSHA	1	2	3	4	5	Prathik
31	4AL16IS037	PRATHVI P SHETTY	1	2	3	4	5	Prathvi
32	4AL16IS038	PRIYANKA	1	2	3	4	5	Priyanka
33	4AL16IS039	PRIYANKA NINGARADDI	1	A	2	3	4	Priyanka
34	4AL16IS041	RAKESH KUMAR S R	1	2	3	4	5	Rakesh
35	4AL16IS042	RAKESH M R	1	2	3	4	5	Rakesh
36	4AL16IS046	SAILEELA R	1	2	A	3	4	Saileela
37	4AL16IS047	SAMRUDDI SHETTY	1	2	3	4	5	Samruddi
38	4AL16IS048	SANJANA SHEKHAR SHETTY	1	2	3	4	5	Ashika
39	4AL16IS050	SHETTY ASHIKA CHANDRASHEKAR	1	2	3	4	5	Tanvi
40	4AL16IS051	SHETTY TANVI SHRIDHAR	1	2	3	4	5	Shridhar
41	4AL16IS052	SHREESHA B	1	2	3	4	5	Shreesh
42	4AL16IS053	SUSHANTH S	1	2	3	4	A	Sushant
43	4AL16IS054	TANAZ JAMAL SHAIKH	1	2	3	4	5	Tanaz
44	4AL16IS056	THARUNYA U P	1	2	3	4	5	Tharunya
45	4AL16IS057	TRUPTHI C	1	2	3	4	5	Trupthi
46	4AL16IS059	M MANJUSHA	1	2	3	4	5	Manjusha
47	4AL16IS060	NITHIN M	1	2	3	4	5	Nithin
48	4AL16IS061	RACHANA T	1	2	3	4	5	Rachana
49	4AL16IS062	TANUJA H B	1	A	2	3	4	Tanuja
50	4AL16IS063	MOUNA R	1	2	3	4	5	Mouna
51	4AL17IS400	SAINATH B ACHARYA	1	2	3	4	5	Sainath

Coordinator

HoD

H.O.D.

Dept. Of Information Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

Test Question Paper

Marks: 1 * 15

1. The size of nanoparticles is between _____ nm. (C)
a) 100 to 1000 b) 0.1 to 10 c) 1 to 100 d) 0.01 to 1
2. Who coined the word 'nanotechnology'? (A)
a) Eric Drexler b) Richard Feynmann c) Sumio Tijima d) Richard Smalley
3. According to the definition by CRN, nanotechnology is. (B)
a) Mechanical Engg b) Atomic Engg c) Newtonian Mechanics d) Micro-electronics
4. Greeks and Romans had used nanoparticles in the manufacture of... (D)
a) Cosmetics for eyes b) Medicines c) Metalarticles d) Hair-dye
5. _____ contains nanoparticles prepared by using biologically processed metal ores. (D)
a) Homeopathic medicines b) Modern antibiotics
c) Ayurvedic 'Bhasmas' d) Modern cosmetics
6. Which ratio decides the efficiency of nan substances? (D)
a) Weight/volume b) Surface area/volume c) Volume/weight d) Pressure/volume
7. The two important properties of nano substances are... (D)
a) Pressure and Friction b) Sticking and Friction
c) Sticking and Temperature d) Temperature and Friction
8. Nano particles target the rare _____ causing cells and remove them from blood. (A)
a) Tumour b) Fever c) Infection d) Cold
9. Coating the nano crystals with the ceramics is carried that leads to _____ (B)
a) Corrosion b) Corrosion resistance c) Wear and tear d) Soft
10. By nano scale distribution of the _____ in matrix improves the life and performance. (B)
a) Carbide b) Tungsten c) Hydrides d) Nitrites
11. The extensively used nano particles as catalyst is _____ (C)
a) Silver b) Copper c) Gold d) Cerium
12. Who prepared and explained nanotubes for the first time? (A)
a) Sumio Tijima b) Richard Smalley c) Eric Drexler d) Richard Feynmann
13. Fabrics are extensively made out of nano materials like _____ (B)
a) Carbon nano tubes b) Fullerenes c) Mega tubes d) Polymers
14. With the help of _____, Robert F. Curl and others discovered fullerene. (D)
a) Electron microscope b) magnetic resonance
c) Condensation technique d) mass spectrograph
15. DNA detection through the _____ by using the oligonucleotide functionalised gold nano crystals is developed. (A)
a) Colorimetric b) Diathermy c) Electro therapy d) Treatment tables



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY
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Feedback Form

Resource Person Name: Dr. Raju Hajare

1. The resource person was well prepared and knowledgeable.

Strongly Disagree-1	Disagree-2	Agree-3	Strongly Agree-4
---------------------	------------	---------	------------------

2. The resource person was presented in a clear and well organised manner.

Strongly Disagree-1	Disagree-2	Agree-3	Strongly Agree-4
---------------------	------------	---------	------------------

3. The resource person answered to questions in an informative, appropriate and satisfactory manner.

Strongly Disagree-1	Disagree-2	Agree-3	Strongly Agree-4
---------------------	------------	---------	------------------

4. The resource person covered all the topics as per the schedule.

Strongly Disagree-1	Disagree-2	Agree-3	Strongly Agree-4
---------------------	------------	---------	------------------

5. The content covered will be useful for my future knowledge.

Strongly Disagree-1	Disagree-2	Agree-3	Strongly Agree-4
---------------------	------------	---------	------------------

6. The activities and assignment were relevant to the course content and learning objectives.

Strongly Disagree-1	Disagree-2	Agree-3	Strongly Agree-4
---------------------	------------	---------	------------------

7. The resource person has encouraged participant's interaction.

Strongly Disagree-1	Disagree-2	Agree-3	Strongly Agree-4
---------------------	------------	---------	------------------

8. The resource person kept me engaged and interacted.

Strongly Disagree-1	Disagree-2	Agree-3	Strongly Agree-4
---------------------	------------	---------	------------------

9. Overall, the sessions were informative and valuable.

Strongly Disagree-1	Disagree-2	Agree-3	Strongly Agree-4
---------------------	------------	---------	------------------

Q10. The certification course objective were met.

Strongly Disagree-1	Disagree-2	Agree-3	Strongly Agree-4
---------------------	------------	---------	------------------

If any other remarks or comments or suggestions you would like to make.

Content of course was up to my expectation



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

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Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

REPORT ON

Nanotechnology and its Applications

The Department organized a 5 days Online Certification program on "Nanotechnology and its Applications" from 16th July to 20th July 2020. The certification course was inaugurated by the resource person, Dr. Raju Hajare, Head of the Department Prof. Prof Jayantkumar A Rathod and Program coordinator Prof. Nagesh U.B. A total of 126 students participated in this certification course program.

The resource person covered various topics with respect to Nanotechnology and its applications to our students. He focused on carbon nanotubes, nanorods and also on different approaches used. He explained about the various applications of nanotechnology like military, healthcare, drugs electronics and computers etc. the students got benefited from his certification program and got exposure in the field of nanotechnology. We are grateful that you have shared some of your precious time with us. We look forward for your participation on future events. We would like to thank the resource person on behalf of entire college and department.

Coordinator

HOD

H. O. D.

Dept. Of Information Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225



ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

SHOBHAVANA CAMPUS, MIJAR, MOODBIDRI – 574 225

PHONE: 08258-262725 FAX: 08258-262726

Department of Information Science Engineering

Certificate OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

For successfully completing the certification program on the topic **Nanotechnology and its Applications**, organized by the department of Information Science Engineering from 16th to 20th July 2020.

Mr.Nagesh U.B
Convenor

Dr.Raju Hajare
Resource Person,
BMSIT, Bengaluru

Prof. Jayantkumar A
Rathod
HoD, ISE

Dr.Peter Fernandes
Principal, AIET



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Department of Information Science & Engineering

Summary Report of Add-on / Certificate program with its Outcomes

Academic Year : 2019-20	Duration: 16-07-2019 to 20-07-2019
Title of the Course: NANO TECHNOLOGY AND ITS APPLICATIONS	
Resource Person: Dr. RAJU HAJARE, ASSOCIATE PROFESSOR, BMS INSTITUTE OF TECHNOLOGY & MANGEMENT, BENGALURU.	

The department conducted a Five-day Certification Course on “Nano Technology and Its Applications” from 16-07-2019 to 20-07-2019. Dr. Raju Hajare, Associate Professor, BMS Institute of Technology & Management, Bengaluru is the resource person. He delivered a broad and exhaustive information about Nanotechnology and its applications in military, healthcare, drugs, electronics and computer fields etc. He also focused on carbon nanotubes, nanorods and also on different approaches used in practice.

126 students of 2nd Year, 3rd Year & Final Year, Department of ISE are benefitted from this course and were able to

- Explain the foundational knowledge of the Nanotechnology and related fields.
- Acquire an understanding of Nanotechnology and its applications.
- Understand in broad the outline of Nanoscience and Nanotechnology.


HoD

H. O. D.

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