

1.1.3 Teachers participation in BOS, Question paper setting, design and development of certificate course, assessment, revaluation.

M.U.P.J. Exam. 82-200 bks. x 100 pp each dupli. -4-16  
p34st-exam-MSS

18946

University of Mumbai



No. Exam./MSS/60 of 2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that

Prof. Aparna Bannore

had attended a meeting of the paper-setters held on 13/02/2020 at the Examination House, University of Mumbai, Vidyanagari Campus, Mumbai - 400 098. Her/His absence from the college work on the aforesaid date/s may be treated as 'ON DUTY'.

Mumbai - 400 098.

Date : 13/02/2020

A handwritten signature in blue ink, enclosed in a circle.

for CONTROLLER OF EXAMINATIONS

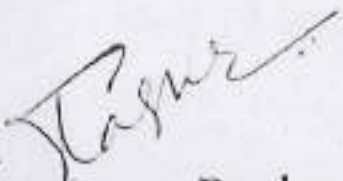
A handwritten signature in blue ink.  
PRINCIPAL  
S. I. E. S. GRADUATE SCHOOL OF TECHNOLOGY  
Sri Chandrasekarendra Saraswathy Vidyapuram  
Sector-V, Nerul, Navi Mumbai - 400705

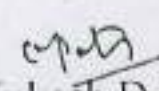



## Orientation Programme on Artificial Intelligence and Soft Computing

09-July-2019

This is to certify that RIZWANA SHAIKH,  
from SIES have attended orientation  
programme of BE semester VII Computer Engineering (Rev 2016) for  
the subject "Artificial Intelligence and Soft Computing" course and  
practical lab (CSC703 & CSL703) on 09<sup>th</sup> July 2019, which was  
organised at RAIT on behalf of University of Mumbai.

  
Dr. Leena Ragha  
Course Convener

  
Dr. Mukesh D Patil  
Principal, RAIT

  
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Sri Chandrasekarendra Saraswathy Vidyapuram  
Sector-V, Nerul, Navi Mumbai-400706



bhoir@fragnel.edu.in

Compose

Inbox 9,109

Starred

Snoozed

Important

Sent

Meet

New meeting

My meetings New

Hangouts



SHUBHANGI



## Fwd: Contents for the control rumentati ECS

Inbox ×

**bhoir CRCE** <bhoir@fragnel.edu.in>

to 91.Akhil, Narayanan, shubhangi.kharche@gmail.com, me, sapna

I am glad to inform you that University of Mumbai has formed comm member for the same. We are supposed to prepare the content for t attached herewith for your reference.

I think we can have three modules for each i.e. control and Instrume

1. Basic feedback system and the order of the system
2. Models such as Block Diagram/ Signal Flow graph
3. Stability of the system
4. Sensors and transducers
5. Signal conditioning DAS, Data logger and SCADA etc
6. Communication buses / on line data interface

I want your valuable suggestions in framing a most updated and ind rough draft and mail the same to me as that is the only way we can

Dear Sir/Madam

PFA the Proposed scheme for ECS for your reference.

Also sending a reference template

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Sri Chandrasekarendra Saraswathy Vidyapuram  
Sector-V, Nerul, Navi Mumbai-400706

**UNIVERSITY OF MUMBAI**

Appointment Unit, Examination House M. J. Phule Bhavan,  
Vidyanagari, Kalina, Santaacruz (East), Mumbai - 400098. Contact No.-26543416

**CONFIDENTIAL**  
(LETTER OF APPOINTMENT FOR PAPER SETTER/MODERATOR/EXAMINER/TRANSLATOR)  
Letter No.: T-2019-20/46353

To,

NAME	ADDRESS	ROLE	CONTACT & E-MAIL ID
<b>Prof. Shubhangi Sanjay Kadu</b>	690 S.I.E.S. Graduate School of Tech. Sri Chandrashekharandra Sawaswathy Vidyapuram, Plot No.1, C and E, Sector-5, Nerul, Navi Mumbai 400 706.	Chairman & Paper Setters	9221095965 kadashubhangi@gmail.com
<b>PROF. KATYAYINI SAMEER TEMBADMANI</b>	690 S.I.E.S. Graduate School of Tech. Sri Chandrashekharandra Sawaswathy Vidyapuram, Plot No.1, C & E, Sector-5, Nerul, Navi Mumbai 400 706.	Paper Setters	9833713967 katyayini@siess.edu.in
<b>Prof. Prasad Balam Iyer</b>	690 S.I.E.S. Graduate School of Tech. Sri Chandrashekharandra Sawaswathy Vidyapuram, Plot No.1, C & E, Sector-5, Nerul, Navi Mumbai 400 706.	Paper Setters	9930570845 prasad.iyer@siessgst.ac.in

Dear Sir/Madam,

1. I am pleased to inform you that as per the Maharashtra Public Universities Act, 2016 u/s 41 (f) you are appointed to jointly act as Paper Setter, Moderator & Examiner and/or Translator as mentioned against your name for the following course/subject for the examinations to be held during academic year 2019-20 (i.e. for Second Half (Winter) 2019 and First Half (Summer) 2020)\*.

Faculty	Science And Technology
Program No. & Name of the Examination	IT01627 / B.E.(Printing and Packaging Technology)(SEM-VII)(Choice Base Credit Grading System )(R2016)
Subject (Paper Code)	43056 / Elective - II Advance Food Packaging
Date of Exam	As per actual time-table published by the university.
Number of sets required **	Winter : As per requirement of Manuscript Unit
	Summer : As per requirement of Manuscript Unit
Remark	Please note meeting of all subject chairpersons in Engineering faculty will be held and addressed by Honble Vice-chancellor in early November, 2019
Communication E-mail Id for Appointment purpose only	appunit@exam.mtu.ac.in

\* Please refer academic council resolution vide item no. 5.2 dated 26th July 2019.

\*\* For examinations held in Winter and Summer, Chairperson of the subject are hereby requested to confirm with Manuscript Unit about exact number of sets required before finalizing Paper Setters meeting. Please note that if question paper sets other than University premises will not be accepted.

# You are requested to bring soft/hard copy of this letter while reporting to university for Paper Setting.

  
**PRINCIPAL**  
S. I. E. S. GRADUATE SCHOOL OF TECHNOLOGY  
Sri Chandrasekarendra Saraswathy Vidyapuram,  
Sector-V, Nerul, Navi Mumbai-400706

**## The University has introduced ECS payment facility to Paper Setter's. You are therefore, requested to provide your bank details to the Manuscripts Unit at the time of Paper Setting.**

**^ No question papers sets will be accepted without Answer Key.**

2.

- A. The Chairperson is requested to fix the meeting immediately and submit the Question Paper to the Manuscript Unit of Examination Section within 1 Week after receipt of this Appointment letter. Below are the contact numbers of Manuscript Unit:-
1. Office of the Manuscript Unit - 26543411
  2. Control Room - 26534263 / 26534266
  3. Manuscript Unit E-mail ID - manuscripts@exam.mu.ac.in
- B. As per directives of the Committee constituted by the Government, the University is preparing Question Paper Bank hence, it is necessary to set the Question Papers as marked in Column no. 1.
- C. The Chairpersons are requested to submit **THREE/ FOUR/SIX/EIGHT/TEN DIFFERENT SETS** of question papers ( as the case may be quoted in serial no. 1) along with answer key in a separate sealed envelope to the MSS UNIT, Room No. 60, 3 rd Floor, M. J. Phule Bhavan, Examination House, Vidyanagari, Santacruz (East), Mumbai - 400 098 within the stipulated time intimated to you by Manuscript Unit on receipt of this letter with D.T.P./Proof Correction and if necessary they should also submit Marathi/ Gujarathi/ Hindi version of the question-paper in sealed envelope wherever required.
- D. You are requested to be present on the day of examination of your paper of the Examination in the Examination Control Room, Third Floor, M.J. Phule Bhavan, Vidyanagari, Santacruz (East), Mumbai - 400098, for the smooth conduct of the examination. The Question paper will be selected by using auto selection from the Question Bank. The Chairman/Chairperson of the current/present panel has to ensure that at least one Paper-Setter from the present/ current panel is present in the Control room on the day and time of examination.
- E. Please note that as per the provision made in The Maharashtra Public Universities Act, 2016 u/s 48 (4) It shall be obligatory on every teacher and on the non-teaching employee of the University, affiliated, conducted colleges, community colleges or recognized institution to render necessary assistance and service in respect of examination of the University and evaluation of students as prescribed by statutes. If any teacher or non-teaching employee fails to comply with the order of the University or College or Institution, in this respect, it shall be treated as misconduct and the employee shall be liable for disciplinary action. In case of failure on the part of the teacher or non-teaching employee of any affiliated college, conducted college, community college or recognized institution, to comply with the order of the university in this respect, the Vice-Chancellor shall have power to take an appropriate action against them, which may include imposing penalties including suspension of approval to the appointment of a teacher as may be prescribed by the Statutes.
- F. If anyone wants to reject their appointment on Medical ground or any Blood relation relative appearing for the University Examination, then they should submit their request with documentary evidence through proper channel to the Director, Board of Examination and Evaluation, University of Mumbai.
3. A copy of each of the pamphlet entitled 'General instructions to paper-setters and examiners' And 'Special instructions to paper-setters and examiners' will be available in Appointment Unit, Room. No. 51, Second Floor, M. J. Phule Bhavan, Vidyanagari, Kalina, Santacruz (E), Mumbai - 400 098. You are requested to collect the same before setting question paper.
4. I am further to request you to **register yourself for Online Assessment through OSM login from the seventh day of conduct of the examination** in which your appointment has been made and complete the assessment/moderation work in all respect under the supervision of Chairperson, as early as possible, so as to enable this office to declare the result of the said examination within 30 days as stipulated in section 89 of The Maharashtra Public Universities Act, 2016 which is mandatory.
5. You are requested to communicate amongst yourself immediately on receipt of this letter to conduct the meeting for setting of question papers in the said subject.
6. You are requested to communicate any change in your service (College & Residence) as well as Tel No. & E-mail address, for faster communication immediately to the Appointment Unit of Examination Section of University through your present College.

  
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Sri Chandrasekarendra Saraswathy Vidyapuram  
Sector-V, Nerul, Navi Mumbai-400706

7. You are requested to communicate to the University if your relative is appearing at the examination. (The term relative includes: - "Wife, husband, son, daughter, grand-son, grand-daughter, father, mother, brother, sister, nephew, niece, uncle, aunt, first cousin, son-in-law, daughter-in-law, father-in-law, mother-in-law and sister-in-law")
8. Utmost care should be taken while setting the question paper and to ascertain that there is no erratum in question paper and must be set within the prescribed syllabus and the examination scheme of the said subject at the examination, and the paper will be set only in the authorized meeting of the paper-setters, which shall be held in the examination house.
9. The paper-setters should avoid to set the questions verbatim similar of the question paper set at college prelim examination if he/ she is also paper setter for their college prelim examination in the said subject.
10. The Copy of the letter is forwarded to the Principal of the concerned College for information with a request to relieve the concerned teachers of your college, for Examination work, as per the provision made in The Maharashtra Public Universities Act, 2016 u/s 48 (4).
11. For any queries/difficulties about your appointment, you can communicate to the Director, Board of Examinations and Evaluation on [appunit@exam.mu.ac.in](mailto:appunit@exam.mu.ac.in)


Yours faithfully,



Director,  
Board of Examination & Evaluation

C. C. to :-

1. Principal for information with a request to relieve the concerned teacher of their college, for Examination work.
2. Dy. Registrar, Manuscript Unit.



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Sri Chandrasekarendra Saraswathy Vidyapuram  
Sector-V, Nerul, Navi Mumbai-400706

## UNIVERSITY OF MUMBAI



Appointment Unit, Examination House M. J. Phule Bhavan,  
Vidyanagari, Kalina, Santacruz (East), Mumbai - 400098. Contact No.-26543416

### CONFIDENTIAL

(LETTER OF APPOINTMENT FOR PAPER SETTER/MODERATOR/EXAMINER/TRANSLATOR)  
No.: 25454

To,

NAME	ADDRESS	ROLE	CONTACT
Prof. S. D. Jadhav	17 Bharati Vidyapeeth, s College of Engineering, Sector-7, C.B.D., Belpada, Navi Mumbai - 400 614.	Chairman & Paper Setters	9702012696 jadhavsd07@rediffmail.com
Prof. Patankar Prachi	356 Padmabhushan Vasantdada Patil, Prathishthans College of Engg., Eastern Express Highway, Nr. Evered Nagar, Sion- Chunabhatti, Mumbai-400 022	Paper Setters	9892415740 prachippg@yahoo.co.in
Prof. Pushkar Sathe	690 S.I.E.S. Graduate School of Tech. Sri Chandrasekharandra Saraswathy Vidyapuram, Plot No.1, C & E, Sector-5, Nerul, Navi Mumbai 400 706.	Paper Setters	9870630637 pushkar.sathe@siesgst.ac.in

Dear Sir/Madam,

1. I am pleased to inform you that as per the Maharashtra Public Universities Act, 2016 u/s 41 (f) are appointed to jointly act as Paper Setter, Moderator & Examiner and/or Translator as mentioned against your name for the following course/subject for the examinations to be held in Second Half 2018.

Faculty	Science And Technology
Program No. & Name of the Examination	1T01614 / S.E.(PRINTING & PACK TECHNOLOGY)(SEM IV) (CBSGS)
Subject & Paper ID	39805 / DIGITAL ELECTRONIC & MICROPROCESSORS
Date of Exam	As per actual time-table published by the university.
Number of sets required *	3
Remark	-


\* For repeater examinations, Chairperson of the subject are hereby requested to confirm with Manuscript Unit about exact number of sets required before finalizing Paper Setters meeting.

\*\* You are requested to bring soft/hard copy of this letter while reporting to university for Paper Setting.

# The University has introduced ECS payment facility to Paper Setter's. You are therefore, requested to fill in the bank details in the enclosed form and submit the same at time of Paper Setting.


2.

- A. The Chairperson is requested to fix the meeting immediately and submit the Question Paper to the Manuscript Unit of Examination Section within 1 Week after receipt of this

  
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Sri Chandrasekarendra Saraswathy Vidyapuram  
Sector-V, Nerul, Navi Mumbai-40070

Appointment letter. Below are the contact numbers of Manuscript Unit:-

1. Office of the Manuscript Unit - 26543411
  2. Control Room - 26534263 / 26534266
  3. Manuscript Unit E-mail ID - manuscripts@exam.mu.ac.in
- B. As per directives of the Committee constituted by the Government, the University is preparing Question Paper Bank hence, it is necessary to set the Question Papers as marked in Column no. 1.
- C. **The Chairpersons are requested to submit THREE/ FOUR/SIX/EIGHT/TEN DIFFERENT SETS of question papers ( as the case may be quoted in serial no. 1) along with answer key in a separate sealed envelope to the MSS UNIT, Room No. 60, 3 rd Floor, M. J. Phule Bhavan, Examination House, Vidyanagari, Santacruz (East), Mumbai - 400 098 within the stipulated time intimated to you by Manuscript Unit on receipt of this letter with D.T.P./Proof Correction and if necessary they should also submit Marathi/ Gujarathi/ Hindi version of the question-paper in sealed envelope wherever required.**
- D. You are requested to be present on the day of examination of your paper of the Examination in the Examination Control Room, Third Floor, M.J. Phule Bhavan, Vidyanagari, Sanatacruz (East), Mumbai - 400098, for the smooth conduct of the examination. The Question paper will be selected by using auto selection from the Question Bank. The Chairman/Chairperson of the current/present panel has to ensure that at least one Paper-Setter from the present/ current panel is present in the Control room on the day and time of examination.
- E. **Please note that as per the provision made in The Maharashtra Public Universities Act, 2016 u/s 48 (4) It shall be obligatory on every teacher and on the non-teaching employee of the University, affiliated, conducted colleges, community colleges or recognized institution to render necessary assistance and service in respect of examination of the University and evaluation of students as prescribed by statutes. If any teacher or non-teaching employee fails to comply with the order of the University or College or Institution, in this respect, it shall be treated as misconduct and the employee shall be liable for disciplinary action. In case of failure on the part of the teacher or non-teaching employee of any affiliated college, conducted college, community college or recognized institution, to comply with the order of the university in this respect, the Vice-Chancellor shall have power to take an appropriate action against them, which may include imposing penalties including suspension of approval to the appointment of a teacher as may be prescribed by the Statutes.**
- F. If anyone wants to reject their appointment on Medical ground or any Blood relation relative appearing for the University Examination, then they should submit their request with documentary evidence through proper channel to the Director, Board of Examination and Evaluation, University of Mumbai.
3. A copy of each of the pamphlet entitled 'General instructions to paper-setters and examiners' And 'Special instructions to paper-setters and examiners' will be available in Appointment Unit, Room. No. 51, Second Floor, M. J. Phule Bhavan, Vidyanagari, Kalina, Santacruz (E), Mumbai - 400 098. You are requested to collect the same before setting question paper.
  4. I am further to request you to kindly **report to the Central Assessment Program (CAP) From the seventh day of conduct of the examination** in which your appointment has been made and complete the assessment/moderation work in all respect under the supervision of Chairperson, as early as possible, so as to enable this office to declare the result of the said examination within 30 days as stipulated in section 89 of The Maharashtra Public Universities Act, 2016 which is mandatory.
  5. You are requested to communicate amongst yourself immediately on receipt of this letter to conduct the meeting for setting of question papers in the said subject.
  6. You are requested to communicate any change in your service (College & Residence) as well as Tel No. & E-mail address, for faster communication immediately to the Appointment Unit of Examination Section of University through your present College.
  7. You are requested to communicate to the University if your relative is appearing at the examination. (The term relative includes: - "Wife, husband, son, daughter, grand-son, grand-

  
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Sri Chandrasekarendra Saraswathy Vidyapeeth  
Sector-V, Nerul, Navi Mumbai-400706



daughter, father, mother, brother, sister, nephew, niece, uncle, aunt, first cousin, son-in-law, daughter-in-law, father-in-law, mother-in-law and sister-in-law ")

8. **Utmost care should be taken while setting the question paper and to ascertain that there is no erratum in question paper and must be set within the prescribed syllabus and the examination scheme of the said subject at the examination, and the paper will be set only in the authorized meeting of the paper-setters, which shall be held in the examination house.**
9. **The paper-setters should avoid to set the questions verbatim similar of the question paper set at college prelim examination if he/ she is also paper setter for their college prelim examination in the said subject.**
10. **The Copy of the letter is forwarded to the Principal of the concerned College for information with a request to relieve the concerned teachers of your college, for Examination work, as per the provision made in The Maharashtra Public Universities Act, 2016 u/s 48 (4).**
11. **For any queries/difficulties about your appointment, you can communicate to the Director, Board of Examinations and Evaluation on below mentioned E-mail address:-**

Humanities	appointmentunit_arts@exam.mu.ac.in
Science & Technology (for Science Group)	appointmentunit_science@exam.mu.ac.in
Commerce & Management (Commerce Group)	appointmentunit_commerce@exam.mu.ac.in
Science & Technology (for Engineering Group)	appointmentunit_engg@exam.mu.ac.in
Science & Technology (for Pharmacy, Architecture & MCA)	appointmentunit_tech@exam.mu.ac.in
Interdisciplinary	appointmentunit_finearts@exam.mu.ac.in
Humanities (for Law Group)	appointmentunit_law@exam.mu.ac.in
Commerce & Management (Management group)	appointmentunit_mgmt@exam.mu.ac.in


Yours faithfully,



**Director,  
Board of Examination & Evaluation**

C. C. to :-

1. Principal for information with a request to relieve the concerned teacher of their college, for Examination work.
2. Dy. Registrar, Manuscript Unit.

  
**PRINCIPAL**  
**S. I. E. S. GRADUATE SCHOOL OF TECHNOLOGY**  
Sri Chandrasekarendra Saraswathi Vidyapuram  
Sector-V, Nerul, Navi Mumbai-400706

## UNIVERSITY OF MUMBAI



Appointment Unit, Examination House M. J. Phule Bhavan,  
Vidyanagari, Kalina, Santacruz (East), Mumbai - 400098. Contact No.-26543416

**CONFIDENTIAL**  
(LETTER OF APPOINTMENT FOR PAPER SETTER/MODERATOR/EXAMINER/TRANSLATOR)  
No.: 35016

To,

NAME	ADDRESS	ROLE	CONTACT & E-MAIL ID
<b>Prof. KONDAKA LAKSHMI SUDHA</b>	690 S.I.E.S. Graduate School of Tech. Sri Chandrashekharandra Saraswathy Vidyapuram, Plot No.1, C & E, Sector-5, Nerul, Navi Mumbai 400 706.	Chairman & Paper Setters	9987512269 lakshmi.sudha@siesgst.ac.in
<b>Prof. MANGESH RAMESH BALPANDE</b>	443 Finolox Academy of Management & Technology, A.S. Finolox Hsg. Colony, MIDC, Zadgaon Block, Dist. Ratnagiri 415 639.	Paper Setters	9145551597 mangesh11.engg@gmail.com
<b>Prof. TAYYABALI MUKHTAR SAYYAD</b>	688 Don Bosco Institute of Engineering, C Or o. St. Joseph Technical Institute, Premier Automobile Road, Kurla (West), Mumbai 400 070.	Paper Setters	8605134503 tayyabsayyad@gmail.com

Dear Sir/Madam,

1. I am pleased to inform you that as per the Maharashtra Public Universities Act, 2016 u/s 41 (f) you are appointed to jointly act as Paper Setter, Moderator & Examiner and/or Translator as mentioned against your name for the following course/subject for the examinations to be held in First Half (Summer) 2019.

Faculty	Science And Technology
Program No. & Name of the Examination	1T01214 / S.E.(INFORMATION TECHNOLOGY) (SEM IV) (CBSGS)
Subject (Paper Code)	39402 / COMPUTER NETWORKS
Date of Exam	As per actual time-table published by the university.
Number of sets required *	3
Remark	-
Communication E-mail Id for Appointment purpose only	appunit@exam.mu.ac.in

\* For repeater examinations, Chairperson of the subject are hereby requested to confirm with Manuscript Unit about exact number of sets required before finalizing Paper Setters meeting.

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# The University has introduced ECS payment facility to Paper Setter's. You are therefore, requested to fill in the bank details in the enclosed form and submit the same at time of Paper Setting.

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S.I.E.S. GRADUATE SCHOOL OF TECHNOLOGY  
Sri Chandrasekarendra Saraswathy Vidyapuram  
Sector-V, Nerul, Navi Mumbai-400706

2.

- A. The Chairperson is requested to fix the meeting immediately and submit the Question Paper to the Manuscript Unit of Examination Section within 1 Week after receipt of this Appointment letter. Below are the contact numbers of Manuscript Unit:-
1. Office of the Manuscript Unit - 26543411
  2. Control Room - 26534263 / 26534266
  3. Manuscript Unit E-mail ID - manuscripts@exam.mu.ac.in
- B. As per directives of the Committee constituted by the Government, the University is preparing Question Paper Bank hence, it is necessary to set the Question Papers as marked in Column no. 1.
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- D. You are requested to be present on the day of examination of your paper of the Examination in the Examination Control Room, Third Floor, M.J. Phule Bhavan, Vidyanagari, Santacruz (East), Mumbai - 400098, for the smooth conduct of the examination. The Question paper will be selected by using auto selection from the Question Bank. The Chairman/Chairperson of the current/present panel has to ensure that at least one Paper-Setter from the present/ current panel is present in the Control room on the day and time of examination.
- E. **Please note that as per the provision made in The Maharashtra Public Universities Act, 2016 u/s 48 (4) It shall be obligatory on every teacher and on the non-teaching employee of the University, affiliated, conducted colleges, community colleges or recognized institution to render necessary assistance and service in respect of examination of the University and evaluation of students as prescribed by statutes. If any teacher or non-teaching employee fails to comply with the order of the University or College or Institution, in this respect, it shall be treated as misconduct and the employee shall be liable for disciplinary action. In case of failure on the part of the teacher or non-teaching employee of any affiliated college, conducted college, community college or recognized institution, to comply with the order of the university in this respect, the Vice-Chancellor shall have power to take an appropriate action against them, which may include imposing penalties including suspension of approval to the appointment of a teacher as may be prescribed by the Statutes.**
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Sri Chandrasekarendra Saraswathy Vidyapuram  
Sector-V, Nerul, Navi Mumbai-400706

Examination Section of University through your present College.

7. You are requested to communicate to the University if your relative is appearing at the examination. (The term relative includes: - "Wife, husband, son, daughter, grand-son, grand-daughter, father, mother, brother, sister, nephew, niece, uncle, aunt, first cousin, son-in-law, daughter-in-law, father-in-law, mother-in-law and sister-in-law ")
8. **Utmost care should be taken while setting the question paper and to ascertain that there is no erratum in question paper and must be set within the prescribed syllabus and the examination scheme of the said subject at the examination, and the paper will be set only in the authorized meeting of the paper-setters, which shall be held in the examination house.**
9. **The paper-setters should avoid to set the questions verbatim similar of the question paper set at college prelim examination if he/ she is also paper setter for their college prelim examination in the said subject.**
10. **The Copy of the letter is forwarded to the Principal of the concerned College for information with a request to relieve the concerned teachers of your college, for Examination work, as per the provision made in The Maharashtra Public Universities Act, 2016 u/s 48 (4).**
11. **For any queries/difficulties about your appointment, you can communicate to the Director, Board of Examinations and Evaluation on [appunit@exam.mu.ac.in](mailto:appunit@exam.mu.ac.in)**

Yours faithfully,



**Director,  
Board of Examination & Evaluation**

C. C. to :-

1. Principal for information with a request to relieve the concerned teacher of their college, for Examination work.
2. Dy. Registrar, Manuscript Unit.



**PRINCIPAL**  
**S. J. E. S. GRADUATE SCHOOL OF TECHNOLOGY**  
Sri Chandrasekarendra Saraswathi Vidyapuram  
Sector-V, Nerul, Navi Mumbai - 400706



Inst. Code:  
EN3207 | ME3207

MAHATMA EDUCATION SOCIETY'S

# PILLAI COLLEGE OF ENGINEERING

Approved by AICTE, DTE, Government of Maharashtra and Affiliated to University of Mumbai  
(Re-Accredited by National Board of Accreditation)



Dr. K.M. Vasudevan Pillai Campus, Sector 16, New Panvel, Navi Mumbai - 410206, Maharashtra India  
Tel: 27451700 / 6100 / 2745 6030 / 2748 3207. Fax: 2748 3208. Website: www.pce.ac.in. e-mail: principalpce@mes.ac.in

Ref. No.: PCE/USSC/13-15/2018-19

Date: 16/02/2019

Dr Geetanjali Mishra  
SIES Graduate School of Technology  
Sector-V, Nerul, Navi Mumbai, 400706

Subject : Invitation as Subject Expert in University Staff Selection Committee

Dear Sir/Madam,

Mahatma Education Society's Pillai College of Engineering is conducting interviews for the posts of Professor, Associate Professor and Assistant Professor.

I am pleased to invite you as a Subject Expert on the Selection Committee.

The interviews are scheduled on 22<sup>nd</sup> February 2019 at Dr. K. M. Vasudevan Pillai Campus, Sector 16, New Panvel at 10:30 am onwards.

Kindly make it convenient to attend the same and make the recommendation of suitable candidate/s for the appointment of faculty position.

Thank you.

Yours faithfully

Dr. Sandeep M. Joshi  
Principal

**PRINCIPAL**  
S. I. E. S. GRADUATE SCHOOL OF TECHNOLOGY  
Sri Chandrasekarendra Saraswathy Vidyapuram  
Sector-V, Nerul, Navi Mumbai-400706



SHRI VILEPARLE KELAVANI MANDALS  
DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING  
(Affiliated to the University of Mumbai)



11-07-2018

### CERTIFICATE

This is to certify that Prof. Prajakta L.Kane of SIES, GST Nerul has attended the orientation-cum-workshop on Internal Combustion Engine (TE -V sem) of Mechanical Engineering Branch dated 11<sup>th</sup> July 2018 at Dwarkadas. J. Sanghvi College of Engineering.

The orientation-cum-workshop is organized as per the instructions of University of Mumbai.

(Dr. K.N.Vijayakumar)  
HOD - Mechanical



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S. I. E. S. GRADUATE SCHOOL OF TECHNOLOGY  
Sri Chandrasekarendra Saraswathy Vidyapuram  
Sector -V, Nerul, Navi Mumbai - 400706



Sagar Waghmare &lt;sagar.waghmare@siesgst.ac.in&gt;

## B Sc Programme in Packaging Technology at SIES College of Arts, Science & Commerce, Sion West, Mumbai

2 messages

S. Ainaln &lt;sopdirector@sies.edu.in&gt;

Sat, Jun 27, 2020 at 6:02 PM

To: "sagar.waghmare@siesgst.ac.in" &lt;sagar.waghmare@siesgst.ac.in&gt;

To,

Prof. Sagar Waghmare,  
Asst. Professor, Printing & Packaging Technology Dept.,  
SIES Graduate School of Technology

**Dear Prof Sagar,**

Greeting from SIES (South India Education Society) !

We, at SIES have been instrumental in shaping the career of numerous students in the field of science for the last many decades. SIES will be completing it's 100 years of existence in 2032 and is expected to have approx 50,000 students taking the benefits of various courses offered by SIES.

It has also been 2 years now, since UGC conferred the Autonomous Status to our SIES College of Arts, Science & Commerce, Sion West, Mumbai under the University of Mumbai (UoM).

In it's pursuit of excellence in Technical Education, SIES has also now established itself, over a period of 20 years, as a Premier Institute in India offering courses in the field of Packaging, viz. 2-years Full Time PG Diploma in Packaging Science & Technology and 4-year B.E. Degree in Printing & Packaging Technology (affiliated to University of Mumbai).

Since there is a growing demand for Analytical / Testing / QC level professionals in the Packaging Industry, SIES has identified the need to start 3-years Full Time B.Sc. Programme in Packaging Technology to cater to this demand from Academic Year 2020-21. This Degree Programme shall be offered by the SIES Arts, Science & Commerce College, Sion, Mumbai, being an Autonomous Institute under UoM.

I wish to invite you for the first BoS meeting for B.Sc. Packaging Technology to be held on Thursday, 2nd July 2020 at 11:00am. This meeting will be held online through Microsoft Teams. I would be highly obliged if you could give your consent by email for the same.

The agenda for the meeting is as follows:

1. Welcome & Introduction of BoS Members for B.Sc. Packaging Technology.
2. Review and approve the Syllabus scheme for 3-years Full Time B.Sc. Packaging Technology.
3. Review and approve the detailed First Year Syllabus for B.Sc. Packaging Technology.
4. Discuss and finalize the fees component for the program.
5. Review and approve the Plastics in Packaging Credit Course (2 Credits).
6. Any other relevant matter.

**PRINCIPAL**  
S. I. E. S. GRADUATE SCHOOL OF TECHNOLOGY  
Sri Chandrasekarendra Saraswathy Vidyapeeth  
Sector-V, Nerul, Navi Mumbai-400705

The syllabus scheme and detailed syllabus will follow in a couple of days along with the Microsoft Teams meeting details.

Thanking You & Looking forward to your positive reply, at the earliest.

S Ainain  
Director



**SIES**  
RISE WITH EDUCATION

School of Packaging  
Packaging Technology Centre

### SIES School of Packaging

Sector V, Nerul East, Navi Mumbai 400706

Ph.: +912261196451 Direct

Mob.: +919810166721, 9967486662

#### "Alignment is the Essence of Management"

The information contained in this electronic message (email) and any attachments to this email are intended for the exclusive use of the addressee(s) and access to this email by any one else is unauthorised. The email may contain proprietary, confidential or privileged information or information relating to SIES Group of Institute. If you are not the intended recipient, please notify the sender by telephone, fax, or return email and delete this communication and any attachments thereto, immediately from your computer. Any dissemination, distribution, or copying of this communication and the attachments thereto (in whole or part), in any manner, is strictly prohibited and actionable at law. The recipient acknowledges that emails are susceptible to alteration and their integrity can not be guaranteed and that Institute does not guarantee that any e-mail is virus-free and accept no liability for any damage caused by any virus transmitted by this email.

Sagar Waghmare <sagar.waghmare@siesgst.ac.in>  
To: "S.Ainain" <sopdirector@sies.edu.in>

Sat, Jun 27, 2020 at 6:33 PM

Greetings of the day sir...!

I would like to thank you for considering me.  
It will be my pleasure to join the meeting on the described time and date.

Warm Regards-

Sagar S. Waghmare  
Mobile: +91-7387481914  
[Quoted text hidden]



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Packaging Technology Centre

Outlook-4dux41td.png  
26K

  
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Sri Chandrasekarendra Saraswathy Vidyapuram  
Sector-V, Nerul, Navi Mumbai-400706





Rajesh Kadu &lt;rajukadu1@gmail.com&gt;

## Request for review of Syllabus

Pratiksha Deshmukh &lt;pratiksha.deshmukh@spit.ac.in&gt;

Fri, Jan 17, 2020 at 2:53 PM

To: rajukadu1@gmail.com, raj69kadu@yahoo.com

Cc: Kiran Gawande &lt;kiran\_gawande@spit.ac.in&gt;, Soni Bhambar &lt;bhambar.soni@spit.ac.in&gt;, aparna\_halbe@spit.ac.in, "Dr. Sudhir Dhage" &lt;sudhir\_dhage@spit.ac.in&gt;, Jyoti Ramteke &lt;jyoti\_ramteke@spit.ac.in&gt;, Devadkar Kailas &lt;kailas\_devadkar@spit.ac.in&gt;, "Dr. Anant V. Nimkar" &lt;anant\_nimkar@spit.ac.in&gt;

Dear Sir,

As per our earlier communication regarding curriculum design of B.Tech program, we have already invited you to join curriculum design committee in Computer Engineering Department at Bharatiya Vidya Bhavans, Sardar Patel Institute of Technology, Andheri (West), Mumbai.

We request you to kindly review and give us valuable inputs for the syllabus. We will be obliged to have esteem member like you to review the syllabus for the following courses.

1. Discrete Structure and Graph Theory CE33
2. Operating Systems CE43
3. Operating Systems and Linux Lab CEL43

Please reply within a week period of time, we are expecting your suggestions till 23/01/2020.

We greatly appreciated cooperation towards curriculum design of Computer Engineering department at Sardar Patel Institute of Technology.


Regards

Pratiksha Deshmukh

Prof. Pratiksha Deshmukh  
Assistant Professor  
Department of Computer Engineering,  
Sardar Patel Institute of Technology,  
Mumbai, India, 400 058

### 3 attachments

- Sem\_III\_Theory\_CE33\_Discrete Structure and Graph Theory.pdf.pdf  
148K
- Sem\_IV\_Theory\_CE43\_OS.pdf  
131K
- Sem\_IV\_LAB\_CEL43\_OSL.pdf  
128K

  
**PRINCIPAL**  
S. J. E. S. GRADUATE SCHOOL OF TECHNOLOGY  
Sri Chandrasekarendra Saraswathy Vidyapuram  
Sector-V, Nerul, Navi Mumbai-400706

**University of Mumbai**  
**Examination 2020 under cluster 3 (FCRIT)**

Dear Sir/Madam,

I am happy to inform the appointment of the Assistant Program Coordinator and Course Coordinators for all the EXTC Semester-6 courses under the R-2016 scheme as below.

EXTC R-2016 Semester-6 Course Name	Course Coordinator	Assistant Program Coordinator*
ECC601 - Microcontrollers & Applications	Mrs Poonam Gadge Ramrao Adik Institute of Technology (M) 9967519296	Dr. Ravindra Duche LT COE 99875 46141
ECC602 - Computer Communication Networks	Dr. Shubhangi Kharche SIES GST 8652777602	
ECC603 - Antenna & Radio Wave Propagation	Dr. Rajiv Kumar Gupta Terna Engineering College 9819436821	
ECC604 - Image Processing and Machine Vision	Swati S. Rane SIES GST 09324739106	
ECCDLO 6021 - Digital VLSI Design	Sneha Revankar FCRIT 9987253170	
ECCDLO 6022 - Radar Engineering	Sheshmal S. Shingne LT College of Engineering 9082099907	
ECCDLO 6023 - Database Management System	Shubhangi N. Ghate Ramrao Adik Institute of Technology 9920962494	
ECCDLO 6024 - Audio Processing	**	

**University of Mumbai**  
**Examination 2020 under cluster 3 (FCRIT)**

\* The main responsibility of the Assistant Program Coordinator is

a) To ensure that the Course Coordinator is able to appoint 6-examiners and generate 6-question bank cum question papers as per the requirements mentioned below; and

b) To help the Course Coordinator in case he or she has any difficulty.

\*\* The Assistant Program Coordinator is requested to confirm from all the HODs that no college under cluster-3 has opted this course and hence there are no students for this subject.

**Instructions to the Course Coordinators:**

1. The EXTC Program-Coordinator for the Cluster-3 colleges will make available the examiner's data compiled to you via Email or WhatsApp.
2. Based on that DATA, the Course Coordinator need to collect the MCQ Question Bank (QB) cum Question Paper and Correct Answers to the QB, separately, from the six examiners. You can inform the examiner to make available MCQ QB and Correct Answers as per the sample template attached. You can appoint one Paper Setter from each of the colleges under Cluster-3.
3. VERY IMPORTANT: The data related to Question Bank and Correct Answers need to be strictly CONFIDENTIAL at the examiners level and your level.
4. The Course Coordinator and the Assistant Program Coordinator needs to confirm that the QB cum Question Paper is prepared as per the instructions below which were already communicated to them via HODs:
  - a. The question paper should consist of 25 MCQ questions with each question carrying a maximum of 2 marks.
  - b. You need to check the questions and their answers for their correctness. There should not be any ambiguity in the questions and the options. Only one option should be the Correct Answer.
  - c. Among 25-questions, 13 questions can be under the 'Simple' category, 7-questions can be under the 'Moderate' category, and the remaining 5-questions can be under the 'Difficult' category.
  - d. The maximum time for the examination will be 1-hour.
  - e. Please save the question paper file with file name: 'R2016-ET-QP-Sem6-Course\_Name.docx'
5. You are required to submit the final QB cum Question Paper and the Correct Options to the EXTC Program-Coordinator at the following Email: [admin\\_cluster3@fcrit.ac.in](mailto:admin_cluster3@fcrit.ac.in) with cc to [milind.shah@fcrit.ac.in](mailto:milind.shah@fcrit.ac.in) before 20-09-2020, 7 pm.

EXTC Program-Coordinator for the Cluster-3  
FCRIT, Vashi



**UNIVERSITY OF MUMBAI**

Appointment Unit, Examination House M. J. Phule Bhavan,  
Vidyanageri, Kalina, Santacruz (East), Mumbai - 400098. Contact No.-26543416

**CONFIDENTIAL**  
(LETTER OF APPOINTMENT FOR PAPER SETTING)  
No.: 6228

To,

NAME	ADDRESS	ROLE	CONTACT
<b>Prof. Kolekar Suresh</b>	523 Rajendra Mane College of Engineering & Technology, At/Post : Ambav (Deorukh), Taluka : Sangmeshwar, Dist : Ratnagiri 415 804.	Chairman & Paper Setters	7038726283 appointmentunit_engg@exam.mu.ac.in
<b>Mrs. ARCHANA KUMAR KALE</b>	238 Thadomal Sahani Engineering College, T. P. S. III, P. G. Kher Marg, Bandra (W), Mumbai-400 050.	Paper Setters	9820578118 archanatsec@yahoo.com
<b>Prof. Redekar Seema</b>	690 S.I.E.S. Graduate School of Tech. Sri Chandrashekharandra Sawaswathy Vidyapuram, Plot No.1, C & E, Sector-5, Nerul, Navi Mumbai 400 706.	Paper Setters	9892498741 seema.redekar@siesgst.ac.in

Dear Sir/Madam,

1. I am pleased to inform you that the Board of Examinations has appointed you as per the Maharashtra University Act, 1994 u/s 32 (5) to jointly act as Paper Setter, Moderator & Examiner and/or Translator mentioned against your name in the following course/subject.

Faculty	Technology
Program No. & Name of the Examination	T1624 / S.E.(INFORMATION TECHNOLOGY)(SEM IV) (CBSGS)
Subject	T1079 / AUTOMATA THEORY
Date of Exam	25/05/2017
Number of sets required	3
Remark	-

2.

- A. The Chairperson is requested to fix the meeting immediately and submit the Question Paper to the Manuscript Unit of Examination Section within 1 Week after receipt of this Appointment letter. Below are the contact Numbers of Manuscript Unit:-

1. Assistant Registrar (Manuscript Unit) - 2653 6247
2. Office of the Manuscript Unit - 26543411
3. Control Room - 26534263 / 26534266
4. Manuscript Unit E-mail ID - manuscripts@exam.mu.ac.in


- B. Please note that as per directives of the Committee constituted by the Government, University is preparing Question Papers Bank hence it is necessary to set Question Paper marked in Column no. 1. The University may use Question Papers available in the Question Paper Bank.

- C. The Chairpersons are requested to submit **THREE/FOUR/SIX/EIGHT/TEN**

  
**PRINCIPAL**  
S. I. E. S. GRADUATE SCHOOL OF TECHNOLOGY  
Chandrashekharandra Saraswathy Vidyapuram,  
Sector-V, Nerul, Navi Mumbai-400706

**DIFFERENT SETS of question papers (as the case may be quoted in serial no. 1) along with answer key in a separate sealed envelope to the MSS UNIT, Room No. 60, 3rd Floor, M. J. Phule Bhavan, Examination House, Vidyanagari, Santacruz ( East), Mumbai - 400 098 within the stipulated time provided to you by Manuscript Unit on receipt of this letter with D.T.P./Proof Correction and if necessary they should also submit Marathi/ Gujrathi/ Hindi version of the question-paper in sealed envelope wherever required along with the same.**

- D. You are requested to be present on the day of examination of your paper of the Examination in the Examination Control Room, Third Floor, M.J. Phule Bhavan, Vidyanagari, Sanatacruz (East), Mumbai - 400098, for smooth conduct of examination. The Question paper will be selected by using auto selection from the Question Bank. The Chairman/Chairperson of the current/present panel has to ensure that at least one Paper-Setter from the present/ current panel is present in the Control room on the day and time of examination.
- E. Please note that as per the provision made in Maharashtra University Act, 1994 u/s 32 (5) g It shall be obligatory on every teacher and on the non-teaching employee of the University, affiliated conducted or autonomous college or recognized institution to render necessary assistance and service in respect of examination of the University. If any teacher or non-teaching employee fails to comply with the order of the University or College or Institution, in this respect, it shall be treated as misconduct and the employee shall be liable for disciplinary action.
- F. If anyone wants to reject their appointment on Medical ground or Any Blood relation relative attending University Examination then they can submit their request with documentary evidence through proper channel to the Controller of Examination, University of Mumbai.
3. A copy of each of the pamphlet entitled 'General instructions to paper-setters and examiners' And 'Special instructions to paper-setters and examiners' will be available in Appointment Unit, Room. No. 51, Second Floor, M. J. Phule Bhavan, Vidyanagari, Kalina, Santacruz (E), Mumbai - 400 098. You are requested to collect the same before setting question paper.
4. I am further to request you to kindly **report to the Central Assessment Program (CAP) From the third day of conduct of the examination** in which your appointment has been made and complete the assessment work in all respect under the supervision of Chairperson, as early as possible, so as to enable this office to declare the result of the said examination within 30 days as stipulated in section 72 of Maharashtra Universities Act, 1994 which is mandatory.
5. You are requested to communicate amongst yourself immediately on receipt of this letter to conduct the meeting for setting of question paper in the said subject.
6. You are requested to communicate any change in your service ( College & Residence ) as well as Tel No. & E-mail address for faster communication immediately to the Appointment Unit of Examination Section of University through your present College.
7. You are requested to communicate to the University if your relative is appearing at the examination. (The term relative includes: - "Wife, husband, son, Daughter, grand-son, grand-daughter, father, mother, brother, sister, nephew, niece, uncle, aunt, first cousin, son-in-law, daughter-in-law, father-in-law, mother-in-law and sister-in-law ")
8. **The utmost care should be taken while setting the question paper and to ascertain that there is no erratum in question paper must be set within the prescribed syllabus and the examination scheme of the said subject at the examination, and the paper will be set only in the authorized meeting of the paper-setters, which shall be held in the examination house.**
9. **The paper-setters should avoid to set the questions verbatim similar of the question paper set at college prelim examination if he/ she is also paper setter for their college prelim examination in the said subject.**
10. The Copy of the letter is forwarded to the Principal of Concerned College for information with a request to relieve the concerned teacher of your college for Examination work as per provision made in Maharashtra University Act, 1994 u/s 32 (5) g.
11. For any query/difficulty about your appointment, you can communicate to the Controller of Examinations on below mentioned E-mail address:-

  
**PRINCIPAL**  
S. I. E. S. GRADUATE SCHOOL OF TECHNOLOGY  
Sri Chandrasekarendra Saraswathy Vidyapuram  
Sector-V, Nerul, Navi Mumbai-400706

Arts Faculty	appointmentunit_arts@exam.mu.ac.in
Science Faculty	appointmentunit_science@exam.mu.ac.in
Commerce Faculty	appointmentunit_commerce@exam.mu.ac.in
Engineering Faculty	appointmentunit_engg@exam.mu.ac.in
Technology Faculty	appointmentunit_tech@exam.mu.ac.in
Fine Arts Faculty	appointmentunit_finearts@exam.mu.ac.in
Law Faculty	appointmentunit_law@exam.mu.ac.in
Management Faculty	appointmentunit_mgmt@exam.mu.ac.in

Yours faithfully,  
**Offg. Director, Board of Examination & Evaluation**

C. C. to :-

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2. Dy. Registrar, Manuscript Unit.

  
**PRINCIPAL**  
S. I. E. S. GRADUATE SCHOOL OF TECHNOLOGY  
Sri Chandrasekarendra Saraswathy Vidyapuram  
Sector-V, Nerul, Navi Mumbai - 400706



Sagar Waghmare &lt;sagar.waghmare@siesgst.ac.in&gt;

## B.Sc. Programme in Packaging Technology at SIES College of Arts, Science & Commerce, Sion West, Mumbai

2 messages

S. Ainalin <sopdirector@sies.edu.in>  
 To: "sagar.waghmare@siesgst.ac.in" <sagar.waghmare@siesgst.ac.in>

Sat, Jun 27, 2020 at 6:02 PM

To,

Prof. Sagar Waghmare,  
 Asst. Professor, Printing & Packaging Technology Dept.,  
 SIES Graduate School of Technology

Dear Prof Sagar,

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4. Discuss and finalize the fees component for the program.
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6. Any other relevant matter.

**PRINCIPAL**  
 S. I. E. S. GRADUATE SCHOOL OF TECHNOLOGY  
 Sri Chandrasekarendra Saraswathy Vidyapeeth  
 Sector-V, Nerul, Navi Mumbai-400706

The syllabus scheme and detailed syllabus will follow in a couple of days along with the Microsoft Teams meeting details.

Thanking You & Looking forward to your positive reply, at the earliest.

S Ainain  
Director



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### SIES School of Packaging

Sector V, Nerul East, Navi Mumbai 400706

Ph.: +912261196451 Direct

Mob.: +919810166721, 9967486662

#### "Alignment is the Essence of Management"

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Sagar Waghmare <sagar.waghmare@siesgst.ac.in>  
To: "S. Ainain" <sopdirector@sies.edu.in>

Sat, Jun 27, 2020 at 6:33 PM

Greetings of the day sir...!

I would like to thank you for considering me.  
It will be my pleasure to join the meeting on the described time and date.

Warm Regards-

Sagar S. Waghmare  
Mobile: +91-7387481914  
[Quoted text hidden]



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26K

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Sri Chandrasekarendra Saraswathy Vidyapuram  
Sector-V, Nerul, Navi Mumbai - 400706



Fwd: Syllabus drafting for SE EXTC SEM -IV (Rev -1019)  
subject :Principles of communication engineering)

Inbox



Sanjay Deshmukh

11:26 AM (3 hours ago)

to me

----- Forwarded message -----

From: Sanjay Deshmukh <[deshmukhsdrcit@gmail.com](mailto:deshmukhsdrcit@gmail.com)>

Date: Thu, 2 Apr 2020, 12:22 pm

Subject: Syllabus drafting for SE EXTC SEM -IV (Rev -1019) subject :Principles of communication engineering)

To: <[ankemkar@gmail.com](mailto:ankemkar@gmail.com)>, <[amitrta.ruperee@vcet.ac.in](mailto:amitrta.ruperee@vcet.ac.in)>, <[manita.rajput@fcrit.ac.in](mailto:manita.rajput@fcrit.ac.in)>, <[sheetalvb@gmail.com](mailto:sheetalvb@gmail.com)>, <[knattarde@gmail.com](mailto:knattarde@gmail.com)>, <[pornimavadak@yahoo.com](mailto:pornimavadak@yahoo.com)>, namita agarwal <[agarwal.namita@rediffmail.com](mailto:agarwal.namita@rediffmail.com)>

Dear Professors,

Greetings !!

On behalf of Chairman - BoS (EXTC), University of Mumbai, I am happy to inform you that based on your designation, qualification, and number of years of experience (overall and for teaching this subject), your names are shortlisted for syllabus drafting of SE-EXTC Sem IV (R-2019 'C' Scheme) - "**Principles of Communication Engineering**" Course.

For "**Principles of Communication Engineering**" course it is decided to have 3-hours theory per week and 02-hour practical per week. Total credits for theory and practical are 3 and 1, respectively.

Evaluation will be based on IA-1, IA-2, and end-semester examinations for 20, 20, and 80 marks, respectively. (At the end IA marks will be averaged). as Term work 25 marks, Oral & Practical 25 marks are assigned.

The name of the Syllabus Setters for Digital System Design Subject as follows :-

Sr. No.	Name of Faculty	Name of College with Address	Mobile No.	Email ID
1	Dr. Atul kemkar	S.I.E.S. Graduate School of Technology, Nerul	9819150392	<a href="mailto:ankemkar@gmail.com">ankemkar@gmail.com</a>
2	Mrs Amruta Rupari	Vidyavardhani COE& Technology Vasai Road - West, Mumbai.	9930994432	<a href="mailto:amitrta.ruperee@vcet.ac.in">amitrta.ruperee@vcet.ac.in</a>

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3	Manita Rajput	Fr. C. Rodrigues Institute of Technology, Vashi Navi Mumbai	9892214010	<a href="mailto:manita.rajput@fcrit">manita.rajput@fcrit</a>
4	Sheetal Bukkavar	Saraswati college of engineering, Kharghar	8169188893	<a href="mailto:sheetalvb@gmail.com">sheetalvb@gmail.com</a>
5	Khemchandra N. Attarde	Haji Jamaluddin Thim Trust's Theem College of Engineering, At. Vilage Betegaon, Boisar	8623827540	<a href="mailto:knattarde@gmail.com">knattarde@gmail.com</a>
6	Purnima Vadak	K C College of engineering	8097364212	<a href="mailto:purnimavadak@yahoo.com">purnimavadak@yahoo.com</a>
7	Ms. Namita Agarwal	Don Bosco Institute of Technology, Mumbai	9969688477,	<a href="mailto:agarwal.namita@rediffmail">agarwal.namita@rediffmail</a>

We request you conduct meeting among yourself and follow the following instructions/deadlines for preparing/submitting the draft copy of the syllabus:

1. Syllabus should consist of 6 modules which can be covered in maximum 36-hours in a semester.
2. You are requested to please treat this on priority.
3. You are requested to use attached sample-template for drafting the syllabus.

If you need any further clarification, please mail to me or contact on 9833137126

Thank you .

Regards

**Dr.SANJAY D. DESHMUKH**

**Member BOS , Electronics and Telecommunication,**

**University of Mumbai.**



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**Department of Information Technology**  
**Report on Student Development Programme on**  
**“Designing and Managing Databases”**

**Name of resource persons:** Prof. Savita Lohiya , Prof. Saritha L.R., Prof. Bushra Shaikh, Prof. Stuti Ahuja

**Name of the Coordinators:** Prof. Stuti Ahuja

**Academic Year:** 2017-2018

**Date:** 11<sup>th</sup> to 15<sup>th</sup> June, 2018

**Brief Description:**

The Student Development Program was organized by Department of Information Technology, SIES Graduate School of Technology from June 11 to 15, 2018. This student development program is meant to revise the basics concepts of Database Management System and to design the relational model for a given problem. This program mimics the development of a “real” database by designing a conceptual model in the form of an Entity Relationship diagram and translating the conceptual model into a relational schema. Hands-on session of SQL for four days is conducted to implement the application using SQL/MySQL for designing backend.

**Objectives:**

1. Revise basics of Database Designing concepts.
2. Implementing the relational schema in MySQL.
3. Populating the database.
4. Querying and modifying the database by SQL statements.

**Contents:**

**Module 1:** Fundamental Database Concepts, the Entity Relationship (ER) Model and EER model

**Module 2:** DDL and DML statements, Integrity constraints

**Module 3:** Aggregation Joins, Nesting of Queries.

**Module 4:** Views and Transaction Control Commands.

**Mini Project Implementation**

There were 7 students from CE and IT departments.

After attending this SDP the participants could use the knowledge and develop applications using Database management concepts and relational model tool SQL.

K.Lakshmisudha

HoD

Information Technology

  
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Faculty In-charge

  
HOD

  
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Department of Information Technology  
SDP on Designing & Managing Databases

Attendance

Sr.No	Name	11-06-18	12-06-18	13-06-18	14-06-18	15-06-18
1	Dipika Bhanushali	Dipika	Dipika	Dipika	Dipika	Dipika
2	Nishika Bhaagal	Nishika	Nishika	Nishika	Nishika	Nishika
3	Swachy A. Parit	Swachy	Swachy	Swachy	Swachy	Swachy
4	Saloni Sharmar	Saloni	Saloni	Saloni	Saloni	Saloni
5	Karan Tadpatar	Karan	Karan	Karan	Karan	Karan
6	Shakti Jadhav	Shakti	Shakti	Shakti	Shakti	Shakti
7	Monika chawan	Monika	Monika	Monika	Monika	Monika
8						

Teacher's  
SIGN :

Prof. B. S. J. Prof. S. S. A. Prof. S. S. A. Prof. S. S. A. Prof. S. S. A. Prof. S. S. A.  
L.R. L.R. L.R. L.R. L.R. L.R.  
Signature

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## SIES Graduate School of Technology Department of Electronics and Telecommunication

Presents

Training on

**Introduction to Arduino, IoT and Interfacing using Simulator software**

**Duration 15 June 2020 To 26 June 2020**

Skill Development Cell under the Department of Electronics and telecommunication, SIESGST organizing workshop to provide training by simulation combining theoretical and practical knowledge using simulator on Arduino board and IoT. This will provide simulation of Arduino board with different sensors, actuators and displays devices to fulfill the gap between academic and industry. Candidates will have the opportunity to gain practical knowledge using simulation. This course will help the candidates to improve the technical skills and give them a better understanding of an Arduino board and Internet of Things.

### Objectives

- i) To gain knowledge of an Arduino board.
- ii) To know the importance of different peripheral devices and their interfacing to microcontrollers
- iii) To know the sensor interfacing and its programming.
- iv) To know the working of different sensors and their interfacing with Arduino board.
- v) To understand the basic concept of IoT and its implementation

### Course Contents

**Module 1:** Introduction to microprocessor and microcontroller, microcontroller interfacing, introduction to Arduino uno, IDE

**Module 2:** Configuration of GPIO pins of Arduino as an input or output for interfacing of different devices. Introduction to simulator and interfacing of sensor with Arduino board

**Module 3:** Introduction to potentiometer, LDR sensors and its interfacing with Arduino. Implementation of program using simulator

**Module 4:** Introduction to ultrasonic sensor and PIR sensor and its interfacing with Arduino board. Implementation of program using simulator

**Module 5:** Introduction to IoT, and Designing of IOT applications using simulator.

### Who Should Attend

Any student from FE, SE (EXTC/ECE/MECH/PPT)

### Registration Fees

Course Fees: Free


### Contact for Registration

Register here -<https://docs.google.com/forms/d/19LxlyCcBYHbtP3yn8PRosMEgshpLXX-anfWqc4rj-0>

Prof. Vaishali Mangrulkar, Prof. Vishal Gaikewad, Prof. Pratibha Joshi

Mobile: 9930116119

Mail Id: vaishali.mangrulkar@siesgst.ac.in

  
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### Day wise schedule of workshop

Day	Activity
Day 1 15/6/2020	Introduction to Arduino Uno, Introduction to IDE
	Introduction to Tinkercad simulator and its demonstration
Day 2 16/6/2020	GPIO Pins of Arduino, Configuration of GPIO pins of Arduino as an input or output for interfacing of different devices, Configure GPIO to blink LED
	Simulation of program of LED Blink Screen reader support enabled.
Day 3 17/6/2020	Introduction to Arduino programming and basic commands
	Program for traffic light and its simulation
Day 4 18/6/2020	Ultrasonic sensor and PIR sensor
	Interfacing of ultrasonic sensor and simulation of program using ultrasonic sensor
Day 5 19/6/2020	Piezo sensor and Temperature sensor
	Interfacing of Temperature sensor and simulation of program using temperature sensor
Day 6 22/6/2020	Ambient light sensor, IR sensor
	Interfacing of IR sensor and simulation of program using IR sensor
Day 7 23/6/2020	Input and output components of Tinkercad
	Program to build application using sensors ,input and output components
Day 8 24/6/2020	Introduction to packet tracer
	Implementation of small projects like basic switch set up. connection between different devices etc
Day 9 25/6/2020	Theory and Topology of wired and wireless Router using packet tracer
	Implementation of smart home using Cisco packet Tracer
Day 10 26/6/2020	Project: on simulation of fire sprinkler using smoke detection
	project: on simulation of Automate a web camera using motion sensor using wired and wireless connection



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**SIES Graduate School of Technology**  
Sri Chandrasekarendra Saraswati Vidyapuram  
Sector 5, Nerul, Navimumbai-400706

**Department of Electronics and Telecommunication Engineering**  
**Event Report**

**Internship on Introduction to Arduino, IoT and Interfacing using Simulator software**  
(15<sup>th</sup> - 26<sup>th</sup> of June 2020)

Event Information
<b>Event Type:</b> Internship Program .
<b>Event title:</b> Intemship on Introduction to Arduino, IoT and Interfacing using Simulator software
<b>Resource Person:</b> Prof. Vaishali Mangrulkar, Prof. Pratibha Joshi, Prof. Vishal Gaikwad
<b>Event date:</b> 15 <sup>th</sup> - 26 <sup>th</sup> of June 2020
<b>Organized for:</b> <input checked="" type="checkbox"/> Student <input type="checkbox"/> Faculty
<b>Organized by</b> Department of Electronics and Telecommunication
<b>Target audience (branch &amp; nos.):</b> FE and SE(All Branches) 40 Students
<b>Attachments:</b> 1. Photographs (in JPEG/PNG) 2. Attendance report 3. Feedback

  
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## Event Description

Day\_1 (15<sup>th</sup> June 2020):

- Introduction to Arduino Uno, Introduction to IDE
- Introduction to Tinkercad Simulator and its demonstration.

Day\_2 (16<sup>th</sup> June 2020):

- GPIO Pins of Arduino, Configuration of GPIO pins of Arduino as an input or output for interfacing of different devices, Configure GPIO to blink LED.
- Simulation of program of LED Blink.

Day\_3 (17<sup>th</sup> June 2020):

- Introduction to Arduino programming and basic commands
- Program for traffic light and its simulation.

Day\_4 (18<sup>th</sup> June 2020):

- Ultrasonic sensor and PIR sensor and its interfacing
- Interfacing of ultrasonic sensor and simulation of program using ultrasonic sensor.

Day\_5 (19<sup>th</sup> June 2020):

- Piezo sensor and Temperature sensor
- Interfacing of Temperature sensor and simulation of program using temperature sensor

Day\_6 (22<sup>nd</sup> June 2020):

- Ambient light sensor, IR sensor
- Interfacing of IR sensor and simulation of program using IR sensor

Day\_7 (23<sup>rd</sup> June 2020):

- Input and output components of Tinkercad
- Program to build application using sensors, input and output components
- Interfacing of ESP8266
- Program to build IoT application using Arduino board.

Day\_8 (24<sup>th</sup> June 2020):

- introduction to packet tracer
- Implementation of small projects like basic switch set up, connection between different devices etc

Day\_9 (25<sup>th</sup> June 2020):



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- Theory and Topology of wired and wireless Router using packet tracer
- Implementation of smart home using Cisco packet Tracer

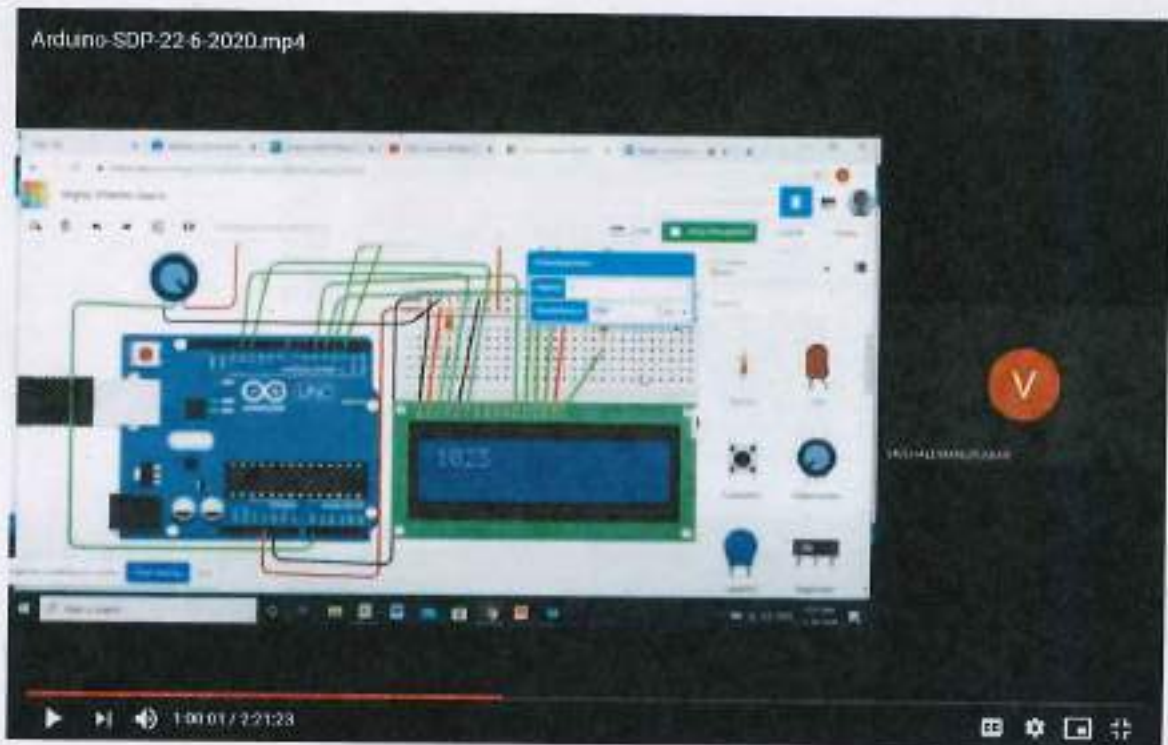
Day\_10 (26<sup>th</sup> June 2020):

- Simulation of fire sprinkler using smoke detector
- Simulation of IoT application using packet tracer.

### 1. Photographs (in JPEG/PNG)



*[Signature]*  
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*[Signature]*  
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## 2. Attendance report

SDP On Introduction to Arduino, IoT and Interfacing using Simulator software														
Attendance sheet														
Sr.No	Roll No.	Name	Branch	Year	15-06-2020	16-06-2020	17-06-2020	18-06-2020	19-06-2020	22-06-2020	23-06-2020	24-06-2020	25-06-2020	26-06-2020
1	13	Deep Bharushali	EXTC	FE	P	P	P	P	P	P	P	P	P	P
2	35	Kunal Vikas patkar	EXTC	FE	P	P	P	P	P	P	P	P	P	P
3	39	Manas mendon	Extc	FE	A	P	P	P	P	P	P	P	P	P
4	14	Deepanshu Singh	EXTC	FE	P	P	P	P	P	P	P	P	P	P
5	47	Drishya Nair	EXTC	FE	P	P	A	A	A	A	A	A	A	A
6	2009	Ashish Singh	EXTC	FE	A	P	P	P	P	P	P	P	P	P
7	1192002	aaryan kumbhar	EXTC	FE	P	P	P	P	P	P	P	P	P	P
8	23	Pooja Guchait	Extc	FE	P	P	P	P	P	P	P	P	P	P
9	58	Priyanshu Choudhary	EXTC	FE	P	P	P	P	P	P	P	P	P	P
10	29	Kavya Chandrasakaran	EXTC	FE	P	P	P	P	P	P	P	P	P	P
11	2043	PRANATHY MUDALIYAR	EXTC	FE	P	P	P	P	P	P	A	A	A	A
12	46	Aswin Nair	EXTC	FE	P	P	P	P	P	P	P	P	P	P
13	68	Sakshi Gawali	EXTC	FE	P	P	P	A	A	P	P	P	P	P
14	31	Kirtikumar	EXTC	FE	P	P	A	P	P	A	A	P	P	P
15	7	Anusha Ganapathy	EXTC	FE	P	P	P	P	P	P	P	A	A	A
16	2095	Vishal Umesh Naregal	EXTC	FE	P	A	A	A	A	A	A	A	A	A
17	52	Vyom Pandey	EXTC	FE	P	P	P	P	P	P	P	P	P	P
18	33	Krutivanti Meghana	EXTC A	FE	P	P	P	P	P	P	P	P	P	P
19	40	Marla Vignesh Prathish	EXTC	FE	P	P	P	P	P	P	P	P	P	P
20	48	Anurag Nala	EXTC - A	FE	P	P	P	P	P	P	P	P	P	P
21	92	Vatsal kore	EXTC	FE	P	P	P	P	A	P	A	P	P	P
22	28	Saumya kamath	IT	FE	P	A	A	A	A	A	P	A	A	A
23	24	Jai Janani Radhakrishnan	IT	FE	A	A	A	A	A	A	A	A	A	A
24	41	Yash Sanjay Shinde	MECH	FE	P	P	P	P	P	P	P	A	A	A
25	1196056	Sarvesh Vichare	MECH	FE	P	P	P	P	A	P	P	P	P	P
26	1182067	Mukku Vahnavi	EXTC	SE	P	P	P	P	P	P	A	P	P	P
27	93	Satish Kumar sivaraman	EXTC	SE	P	P	P	P	P	P	P	P	P	P
28	65	Rohan More	EXTC	SE	P	P	P	P	P	P	P	P	P	P
29	1182035	Prateek Hanchinal	EXTC	SE	P	A	A	A	A	A	A	A	A	A
30	85	Niranjan Raju	EXTC	SE	P	P	P	P	P	P	P	P	P	P
31	2192137	Shradha shirke	Extc	SE	P	P	P	P	P	P	P	P	P	P
32	92	Saronilij thangaraj	EXTC	SE	P	P	P	P	P	P	P	P	P	P
33	66	Simran Mukadam	EXTC-B	SE	P	A	A	A	P	P	P	P	P	P
34	52	Nadar Vijay	CE	SE	P	P	P	P	A	P	P	A	P	P
35	95	Yagnesh Narayanan	CE	SE	P	P	P	P	P	P	P	P	P	P
36	27	Pratik Mahajan	MECH	SE	P	A	A	A	A	A	A	A	A	A
37	14	Sivaguru Iyer	MECH	SE	P	P	P	P	P	P	P	P	P	P
38	6052	Nachiket A. Shembekar	MECH	SE	P	P	P	P	P	P	P	P	P	P
39	1186039	Yash Patil	MECH	SE	P	P	P	A	P	A	v	p	A	A
40	4004	Disba Chakraborty	PPT	SE	P	A	A	A	P	P	P	P	P	P



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**Sector-V, Nerul, Navi Mumbai-400705**

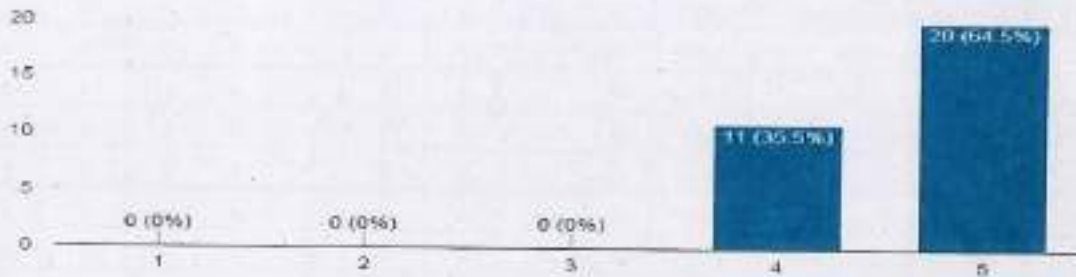
### 3. Feedback (Analysis)

## Feedback \_internship of Two Weeks on "Introduction to Arduino, IoT and Interfacing using Simulator software "

31 responses

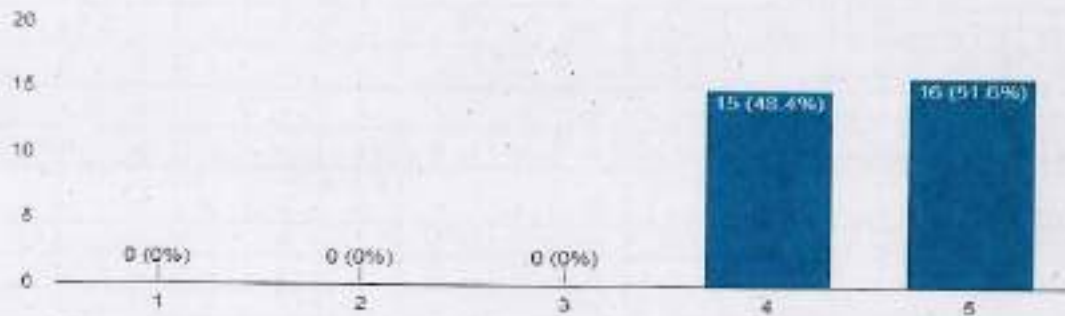
How satisfied were you with the SDP?

31 responses



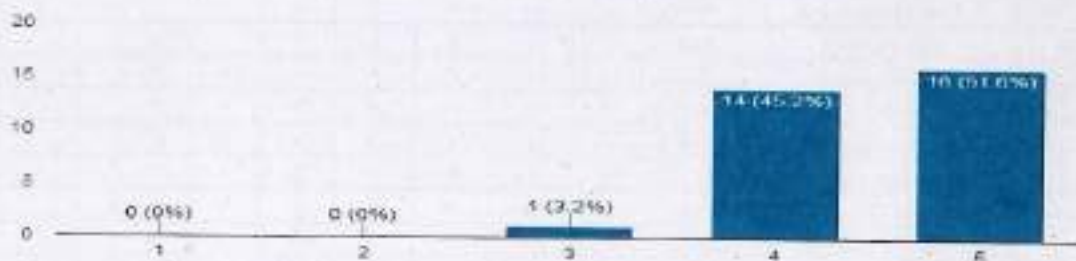
How relevant do you think it was for your future?

31 responses



Effectiveness of the SDP

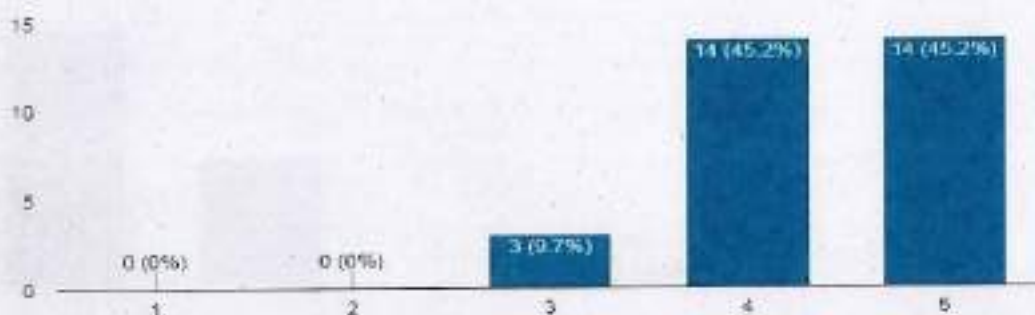
31 responses



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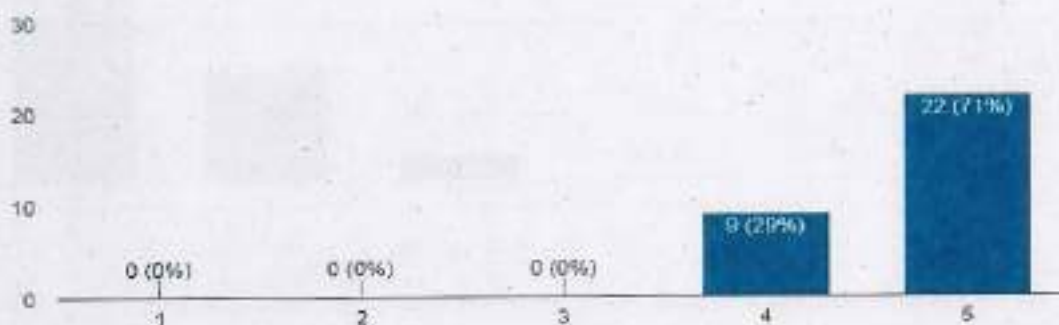
### Content delivery by speakers

31 responses



### Are you gained the knowledge of an Arduino board.


31 responses



### Are you able to explain importance of different peripheral devices and their interfacing to micro controller.

31 responses



  
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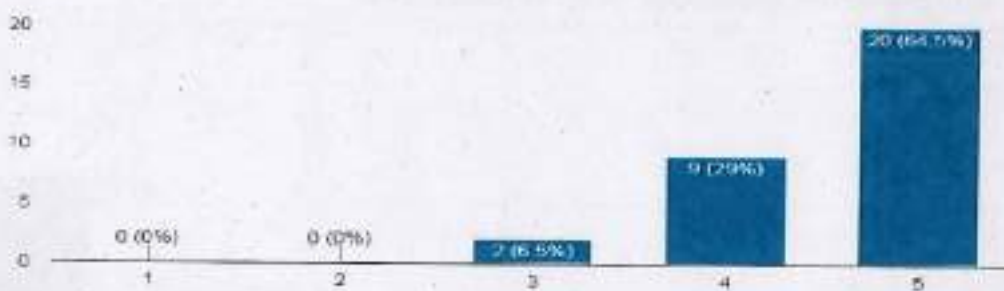
Are you able to explain working of different sensors and their interfacing with Arduino board

31 responses



Are you able to interface sensor and do programming

31 responses



Are you able to explain the basic concept of IoT and its implementation

31 responses



### Impact Analysis:

Students did mini projects using various sensors available in Tinkercad simulator and simulated and presented successfully.

  
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## Responses:

Timestamp	Name of student	Roll No.	Division	Discipline	Year	Email ID	Mobile No.
2020/06/11 8:48:25 PM GMT+5:30	Nadar Vijay	52	C	CE	SE	nadar.vijay18@siesgst.ac.in	8291257 715
2020/06/11 8:57:50 PM GMT+5:30	Mukku Vaishnavi	67	B	EXTC	SE	mukku.vaishnavi18@siesgst.ac.in	7738218 012
2020/06/11 9:02:59 PM GMT+5:30	Disha Chakraborty	4004	F	PPT	SE	chakraborty.disha18@siesgst.ac.in	8806639 987
2020/06/11 9:06:10 PM GMT+5:30	Kunal patkar	35	A	EXTC	FE	patkarkunal19@siesgst.ac.in	8888116 776
2020/06/11 9:10:21 PM GMT+5:30	Disha Chakraborty	11840 04	F	PPT	SE	chakraborty.dish18@siesgst.ac.in	8806639 987
2020/06/11 9:19:59 PM GMT+5:30	aaryan kumbhar	11920 02	A	EXTC	FE	kumbharaaryan19@siesgst.ac.in	9136348 889
2020/06/11 9:46:22 PM GMT+5:30	Niranjan Rajee	89	SE-B	EXTC	SE	raje.niranjan18@siesgst.ac.in	9167684 052
2020/06/11 9:50:34 PM GMT+5:30	Akanksh D Rao	89	B	EXTC	SE	rao.akanksh18@siesgst.ac.in	9136183 699
2020/06/11 10:15:41 PM GMT+5:30	Sai Sri Sravya Sistla	2066	B	EXTC	FE	sistlasaisrisravya19@siesgst.ac.in	9987576 916
2020/06/11 10:18:22 PM GMT+5:30	Joshi Gaurang	16	F	MECH	FE	joshigaurang19@siesgst.ac.in	9167714 114
2020/06/11 10:28:57 PM GMT+5:30	Tanvi Pathare	55	D	CE	FE	tanvipathare19@siesgst.ac.in	9619721 147
2020/06/11 10:40:59 PM GMT+5:30	Sarvesh Vichare	11960 56	F	MECH	FE	vicharesarvesh19@siesgst.ac.in	8108803 333
2020/06/11 10:42:04 PM GMT+5:30	Khush Patil	30	A	EXTC	FE	khushpatil19@siesgst.ac.in	9930611 623
2020/06/11 10:42:36 PM GMT+5:30	Drishya Nair	47	A	EXTC	FE	drishyanair19@siesgst.ac.in	9987678 229
2020/06/11 10:43:45 PM GMT+5:30	mushahid	24	A	EXTC	SE	mushahid.gaonkhadkar18@siesgst.ac.in	7887909 815
2020/06/11 10:49:22 PM GMT+5:30	Krutiventi Meghana	33	A	EXTC	FE	krutiventimeghana19@siesgst.ac.in	7021775 052
2020/06/11 10:51:40 PM GMT+5:30	Kartekeyaan	35	C	CE	FE	kartekeyaanraghavan19@siesgst.ac.in	9833601 450
2020/06/11 10:51:59 PM GMT+5:30	Deep Bhanushali	13	A	EXTC	SE	bhanushalinavin19@siesgst.ac.in	9145459 182
2020/06/11	Manas Mendon	39	A	EXTC	FE	mendonmanas19@siesgst.ac	8450960

  
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**Sector V, Nerul, Navi Mumbai**

11:01:10 PM GMT+5:30						.in	219
2020/06/11 11:11:14 PM GMT+5:30	SRUTHI PANKAJAKSHAN	87	D	CE	FE	sruthipankajakshan19@siesgst.ac.in	9076250 998
2020/06/11 11:16:54 PM GMT+5:30	Pradyumn Joshi	27	A	EXTC	FE	pradyumnjoshi19@siesgst.ac.in	7767896 300
2020/06/11 11:20:02 PM GMT+5:30	Suchit Doshmukh	19	C	CE	FE	deshmukhsuchit19@siesgst.ac.in	9768887 071
2020/06/11 11:31:10 PM GMT+5:30	Aditya Ramakrishnan	4	C	CE	FE	adityaramakrishnan19@siesgst.ac.in	0
2020/06/11 11:42:17 PM GMT+5:30	Rohan Anil MOre	65	B	EXTC	SE	more.rohan18@siesgst.ac.in	9757126 434
2020/06/11 11:52:39 PM GMT+5:30	Anusha	7	A	EXTC	FE	anushaganapathy19@siesgst.ac.in	8419973 940
2020/06/11 11:54:28 PM GMT+5:30	Saumya kamath	28	E	IT	FE	kamathsaumya19@siesgst.ac.in	9372669 002
2020/06/11 11:58:36 PM GMT+5:30	Pranathy Mudaliyar	43	A	EXTC	FE	mudaliyarpranathy19@siesgst.ac.in	7715039 550
2020/06/12 12:25:05 AM GMT+5:30	Sivaguru Iyer	14	F	MECH	SE	iyer.sivaguru18@siesgst.ac.in	9004569 753
2020/06/12 12:33:55 AM GMT+5:30	Sakshi Shetty	11820 97	B	EXTC	SE	sakshi.shankar18@siesgst.ac.in	9987516 300
2020/06/12 12:40:07 AM GMT+5:30	Vyom Pandey	52	A	EXTC	FE	pandeyvyom19@siesgst.ac.in	7021211 178
2020/06/12 1:18:55 AM GMT+5:30	Jai Janani Radhakrishnan	24	E	IT	FE	jaijananiradhakrishnan19@siesgst.ac.in	8433547 387
2020/06/12 9:33:18 AM GMT+5:30	Aswin Nair	46	A	EXTC	FE	nairaswin19@siesgst.ac.in	9619940 047
2020/06/12 10:06:05 AM GMT+5:30	Anurag Nala	48	A	EXTC	FE	nalaanurag19@siesgst.ac.in	9503322 134
2020/06/12 10:21:21 AM GMT+5:30	Sakshi Gawali	68	B	EXTC	FE	gawalsakshi19@siesgst.ac.in	9320477 988
2020/06/12 11:22:43 AM GMT+5:30	Vishal Umesh Naregal	95	B	EXTC	FE	naregalvishal19@siesgst.ac.in	8652259 158
2020/06/12 11:34:21 AM GMT+5:30	Vatsal kore	92	B	EXTC	FE	korevatsal19@siesgst.ac.in	7977728 491
2020/06/12 12:09:17 PM GMT+5:30	Aishwarya Velumani	5	C	CE	FE	aishwaryavelumani19@siesgst.ac.in	8452009 200
2020/06/12 12:58:06 PM GMT+5:30	Dheeraj	29	A	EXTC	SE	gooty.dheeraj18@siesgst.ac.in	9167007 478
2020/06/12 1:36:09 PM	Megha Sutharson Nadar	50	D	CE	FE	Nadarmegha19@siesgst.ac.in	9372986 852

  
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GMT+5:30							
2020/06/12 1:36:30 PM GMT+5:30	Sneha Shaji	83	D	CE	FE	snehashaji19@siesgst.ac.in	8850972 199
2020/06/12 2:39:06 PM GMT+5:30	Prateek Hanchinal	11820 35	A	EXTC	SE	Prateek.hanchinal18@siesgst.ac.in	8087578 068
2020/06/12 2:39:41 PM GMT+5:30	Yash Sanjay Shinde	41	F	MECH	FE	shindeyash19@siesgst.ac.in	7719918 305
2020/06/12 2:53:37 PM GMT+5:30	Ruben Jayakumar	69	B	EXTC	SE	ruban.jayakumar18@siesgst.ac.in	4.47306E +11
2020/06/12 5:45:28 PM GMT+5:30	Ashish Singh	2009	A	EXTC	FE	ashishsingh19@siesgst.ac.in	8743961 630
2020/06/12 6:35:00 PM GMT+5:30	Nikshit J K	11960 21	F	MECH	FE	nikshit.jk@gmail.com	7738569 347
2020/06/12 6:38:35 PM GMT+5:30	Kavya Chandrasekaran	29	A	EXTC	FE	kavyachandrasekaran19@siesgst.ac.in	9819292 542
2020/06/12 7:09:57 PM GMT+5:30	Simran Mukadam	8.1E+ 09	B	EXTC	SE	simran.manoj18@siesgst.ac.in	8104338 211
2020/06/12 7:10:45 PM GMT+5:30	prathamesh.sanjay18@siesgst.ac.in	11820 83	B	EXTC	SE	prathamesh.sanjay18@siesgst.ac.in	7506104 625
2020/06/12 7:11:43 PM GMT+5:30	Simran Mukadam	66	B	EXTC	SE	simran.manoj18@siesgst.ac.in	8104338 211
2020/06/12 11:20:03 PM GMT+5:30	Vedant Sudhir Bhalwatkar	11840 03	F	PPT	SE	bhalwatkar.vedant18@siesgst.ac.in	7588887 747
2020/06/13 8:58:05 AM GMT+5:30	Vishal Umesh Naregal	95	B	EXTC	FE	naregalvishal19@siesgst.ac.in	8652259 158
2020/06/13 10:28:30 AM GMT+5:30	Priyanshu Choudhary	58	A	EXTC	FE	priyanshuchoudhary19@siesgst.ac.in	9.19136E +11
2020/06/13 10:48:32 AM GMT+5:30	Deepanshu Singh	14	A	EXTC	FE	deepanshusingh19@siesgst.ac.in	9323120 152
2020/06/13 10:51:35 AM GMT+5:30	Sadish Nadar	11720 65	B	EXTC	SE	sadish.nadar17@siesgst.ac.in	8286330 012
2020/06/13 12:21:01 PM GMT+5:30	Vignesh Marla	40	A	EXTC	FE	marlavignesh19@siesgst.ac.in	7700002 319
2020/06/13 2:55:29 PM GMT+5:30	satishkumar18@siesgst.ac.in	93	B	EXTC	SE	satish.kumar18@siesgst.ac.in	7385776 488
2020/06/13 4:27:51 PM GMT+5:30	Saronil Thangaraj	92	B	EXTC	SE	Saronil.thangaraj18@siesgst.ac.in	9699632 974
2020/06/13 6:39:02 PM GMT+5:30	Shradha shirke	21921 37	B	EXTC	SE	Shirkeshradha219@siesgst.ac.in	9653432 573
2020/06/13 6:54:24 PM	Nitesh Sandargiri	91	B	EXTC	SE	nitesh.sanjeev18@siesgst.ac.in	9082763 266

  
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GMT+5:30							
2020/06/13 7:04:14 PM GMT+5:30	Kirtikumar	31	A	EXTC	FE	chittapurkirtikumar@siesgst.ac.in	8356894 031
2020/06/13 7:08:22 PM GMT+5:30	Manas mendon	39	A	EXTC	FE	mendonmanas19@siesgst.ac.in	8450960 219
2020/06/13 10:43:38 PM GMT+5:30	Ramesh Yadavar	60	E	IT	FE	yadavramesh19@siesgst.ac.in	9967303 122
2020/06/13 10:58:10 PM GMT+5:30	Yash Patil	11860 39	H	MECH	SE	yash.jitendra18@gmail.com	9960485 665
2020/06/13 11:06:47 PM GMT+5:30	Pratik Mahajan	27	H	MECH	SE	magl mahajan.pratik18@siesgst.ac.in	7045077 795
2020/06/13 11:13:15 PM GMT+5:30	Pooja Guchait	23	A	EXTC	FE	guchaitpooja19@siesgst.ac.in	7666047 510
2020/06/13 11:33:34 PM GMT+5:30	Yagnesh Narayanan	95	D	CE	SE	yagnesh.narayanan18@siesgst.ac.in	9969137 508
2020/06/14 12:53:39 AM GMT+5:30	Nevin Chidambaram	6026	F	MECH	FE	Chidambaramnevin19@siesgst.ac.in	9769156 482
2020/06/14 10:23:02 AM GMT+5:30	Yash Patil	11860 39	H	MECH	SE	yash.jitendra18@siesgst.ac.in	9969485 665
2020/06/14 10:43:10 AM GMT+5:30	Karuna Saravanan	47	A	EXTC	SE	karuna.saravanan18@siesgst.ac.in	9137205 047
2020/06/14 10:58:57 AM GMT+5:30	Smruti Anand Kotian	11820 52	A	EXTC	SE	kotian.smruti18@siesgst.ac.in	9892248 310
2020/06/14 11:05:16 AM GMT+5:30	Kavitha Ashokkumar	11820 48	A	EXTC	SE	kavitha.ashok18@siesgst.ac.in	8976776 880
2020/06/15 10:33:42 AM GMT+5:30	Nachiket Shembekar	6052	H	MECH	SE	shembekar.nachiket18@siesgst.ac.in	8879621 037

  
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## **SIES Graduate School of Technology**

**Department of Computer Engineering  
Organizes**

**Hands on Training on  
Data Science Using R**

**22 – 27 June, 10 AM to 4.00 PM**

### **Who will be benefited?**

1. Students who want to develop project in the domain of data mining e.g. recommender system, predictive applications etc.
2. Students who want to enrol for higher studies in data analytics.
3. Students who want to join data science industry as data analyst.

### **Prerequisite**

Background of C/C++/JAVA  
Basics of statistics like mean, mode, median, regression etc

### **Objectives:**

To bridge the gap between industry requirements and academic by providing project based internship using R tool.  
To aware students with Data Mining models and implementation in R.

### **Outcomes:**

#### **By the end of the course, the learner can:**


1. Implement various applications using R.
2. Make efficient use of R packages.
3. Develop an end-to-end analytics solution using R language.
4. Workshop is followed with project based Internship.
5. Students will receive a certificate post successful completion of workshop and Internship.

### **Contact for Registration:**

Prof. Pranita Mahajan  
[Pranita.mahajan@siesgst.ac.in](mailto:Pranita.mahajan@siesgst.ac.in)  
9920188940


### **Note:**

1. Workshop is free of cost for SIES GST students
2. Workshop is for all branches of engineering

  
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## Day wise Schedule of Workshop

Day	Activity
Day 1 22/6/2020	<b>Introduction with trends, applications, terminology and preliminaries</b> System requirement Installation and Understanding R Environment Packages and libraries Basics of R programming
	<b>Introduction to Basic programming structures of R</b> Importance of R, Data Types and Variables in R, Operators in R, Conditional Statements in R, Loops in R, R script, Functions in R.
Day 2 23/6/2020	<b>Visualization with ggplot</b> Introduction to Data Visualization, Types of Visualisation, Common Data Visualization Issues Data Visualization. Data Visualization using Graphics in R, ggplot2. File Formats of Graphic Outputs.
	<b>Statistics for DataScience</b> Measure of Central Tendency: Mean (Arithmetic), Median, Mode, Standard deviation, Variance, Skewness, Kurtosis Probability. Distribution: Normal Distribution, Standard Normal Distribution, Standardization of Data. Data Sampling, Confidence and significance levels. Hypothesis: Null and alternate hypothesis, confidence and significance levels.
<b>Regression Analysis</b>	
Day 3 24/6/2020	<b>Linear Regression</b> What is Regression?, Covariance & Correlation, Features of r (correlation), Testing the significance of the correlation coefficient, Types of regression analysis, Purpose of regression analysis, Purpose of regression analysis, R <sup>2</sup> coefficient determination, Coefficient of determination (R <sup>2</sup> ) and Adjusted R <sup>2</sup>
	<b>Multi-Linear Regression</b> Multiple Linear Regression, Typical Applications of Regression Analysis, Residual Analysis, Multicollinear, Hetero-skedasticity, case study with R
<b>Classification</b>	
Day 4 25/6/2020	<b>Logistic Regression</b> Logistic Regression Basics, Generalized Linear Model (glm), What is logistic regression?, Types of logistic regression analysis, Applications of logistic regression analysis, Prerequisite / when & why binary logistic regression. Case Study with R
	<b>Decision Tree</b> What is decision tree? Why decision tree? Types of decision tree Constructing decision tree , Random forest and CART, Case Study with R
<b>Clustering</b>	
Day 5 26/6/2020	<b>Clustering</b> What is clustering?, When to use cluster analysis? Application of cluster analysis, Types of cluster analysis ,K means Case Study with R. Hierarchical Clustering Case Study with R
	<b>Association</b>
Introduction to Association Mining, Association Rule, Apriori Algorithm, Demo Apriori Algorithms	
<b>Time series Analysis</b>	
Day 6 27/6/2020	<b>Time Series Analysis</b> What is Time series, Components of Time Series, Techniques for forecasting- Simple Moving Average, Weighted Moving Average, Simple Exponential Smoothing, Double Exponential Smoothing, Triple Exponential Smoothing, Time Series Models Comparison, Use Cases, Industry Applications, Basic Concepts (acf, pacf, AR, MA), ARMA Model, ARIMA Model, Industry Applications and case study with R.
	<b>Discussion and Project Assignment</b>

  
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## Department of Computer Engineering

### Event Report

Student Development Program  
Data Science with R Workshop and Internship

#### Event Information

<b>Event Type:</b> Workshop followed by internship
<b>Event Title:</b> Data Science with R Workshop and Internship
<b>Resource Person:</b> Prof. Pranita M, Prof. Prachi S, Dr. Varhsa Patil, Prof. Anindita
<b>Event Date:</b> 22 – 27 June 2020
<b>Organized for:</b> Students
<b>Organized by:</b> CE Department
<b>Target Audience (Branch &amp; Nos.):</b> Undergraduate Students
<b>Attachments:</b> 1. Photographs (JPEG/PNG) 2. Attendance Report 3. Feedback Report

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### Event Description

CE department faculties have conducted six days student development program followed by internship, "Data Science with R". Program was conducted by Prof. Prachi Shahane, Prof. Pranita Mahajan, Dr. Varsha Patil and Prof. Anindita Khade.

Objective of the workshop was to bridge the gap between industry requirements and academic.

24 students attended the course and successfully developed and submitted project individually.

Students completed their projects during online internship by SIESGST and presented their work to CE department faculties.

Certificates were given to students on successful completion and presentation of developed applications. Feedback was collected and overall feedback shows students were satisfied with content and requested to conduct future SDPs on Deep Learning.

#### 1. Photographs (in JPEG/PNG):



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## Case: Types of Data variables (Revisited)

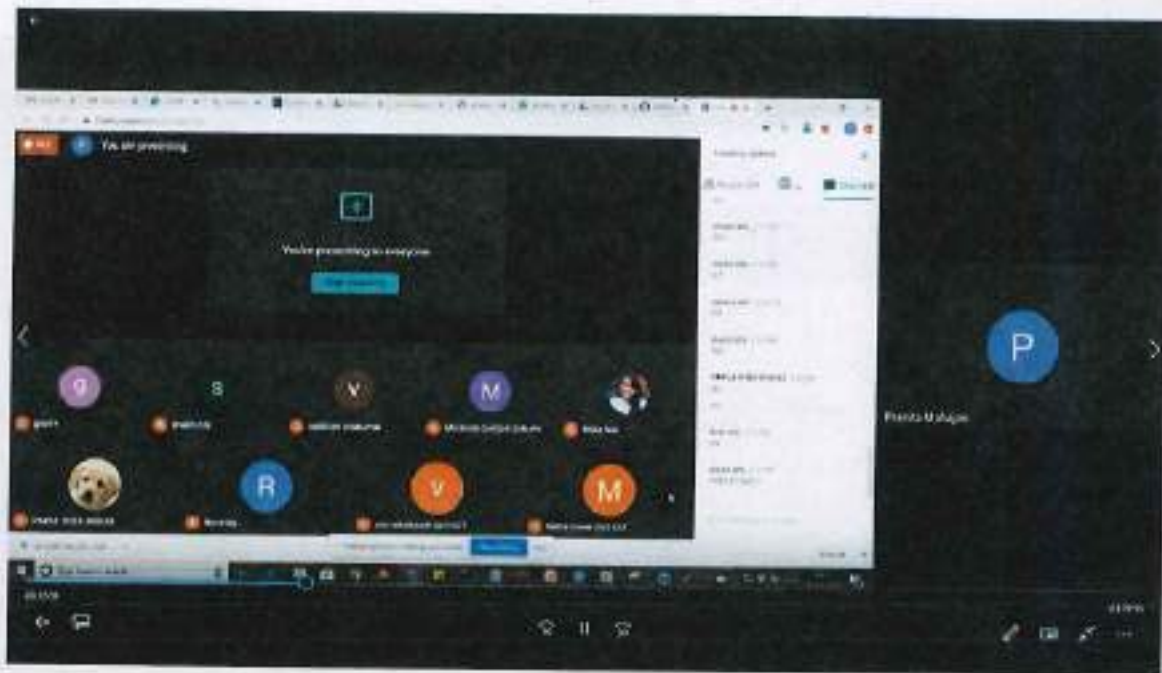
Variable Name	Level of Measurement	Measurement ID	Number of Categories	Usual Response Values	Measurement Type	Measurement Category	Usual Measurement Unit	Subdomain
Varid School	Name of the individual manufacturer	Unique Identifier	S, A, R	20, 15, 20	Nominal / Ordinal	Max Provisional Bare Provisional Job Share Private	Amount	Low<2500/ Medium=2500/ High>7500/ Very High>7500
Variable Type	-	-	Nominal (Discrete)	Nominal (Discrete)	Categorical (Nominal)	Categorical (Nominal)	Numerical (Continuous)	Categorical (Ordinal)
Remarks	Identifier	Identifier	Arises from counting. Takes certain discrete values in a given range	Arises from counting. Takes certain discrete values in a given range	Only two categories	Several worded categories	Takes many values in a given range	Several ordered categories



Pranav Malhotra

The screenshot shows a Zoom meeting interface. On the left, a presentation slide is visible with a dark background and a central graphic. The slide text includes "You are presenting" and "You're presenting to everyone". On the right, a video feed shows a woman with dark hair, wearing a dark top, looking towards the camera. The Zoom control bar at the bottom shows various icons for mute, video, chat, and other meeting functions.

*[Signature]*  
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## Project Presentation

The image shows a Zoom meeting window displaying a presentation slide. The slide title is 'Methodology / Algorithm'. The content of the slide is as follows:

1. Level of Success (LWS) (10)
2. Calculate number of employees that have each performance of the Applicant
3. Define which Applicant the recruitment is success
4. Type of recruitment - voluntary/involuntary
5. Define the voluntary and involuntary recruitment Applicant was
6. The final decision
7. Calculate prediction probability of employees who will success
8. Use different models and compare the accuracy


Below the list, there is a section for 'In this project I compared 2 models':

1. Random forest (Model accuracy - 0.925)
2. Gradient Boost model (Model accuracy - 0.970)

At the bottom of the slide, it says: 'Now, As a way of Validation here we will compare after comparing to consider the results of this model.'

The slide footer includes the text 'Predicting Student Success in Tatyana Vasyunova' and a logo for 'Sri Chandrasekarendra Saraswathi Vidyapeeth'.

The Zoom interface shows a list of participants on the right side, including names like 'Pratik M. Jadhav' and 'Pratik M. Jadhav'.


  
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**2. Attendance and Feedback Report (Scanned copy):**

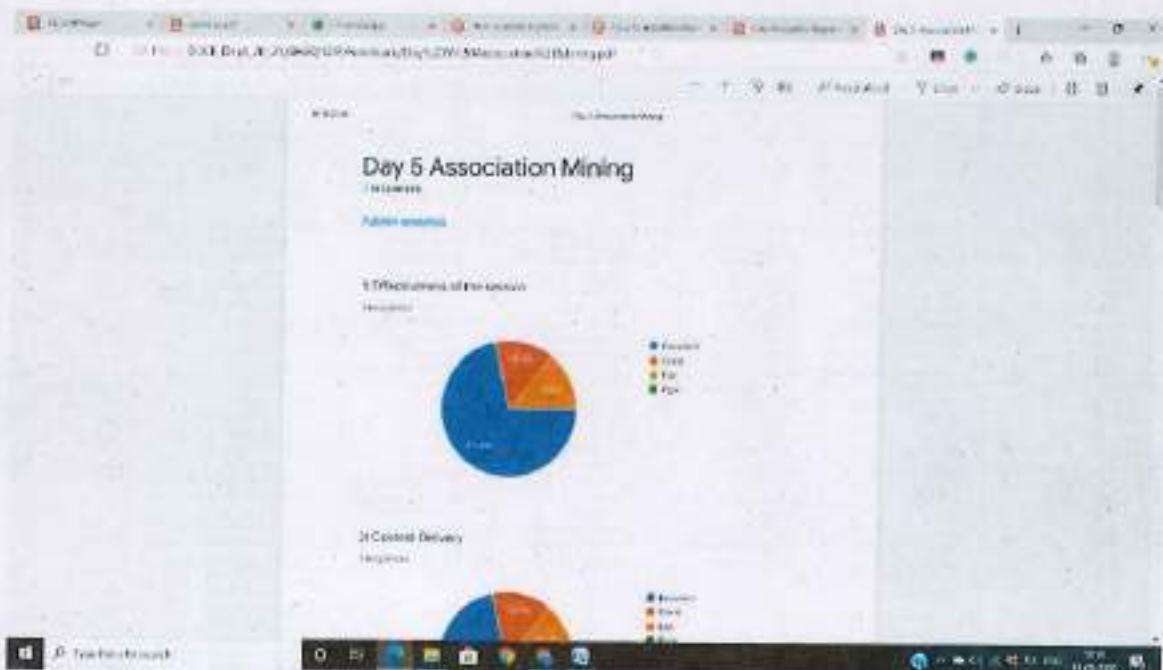
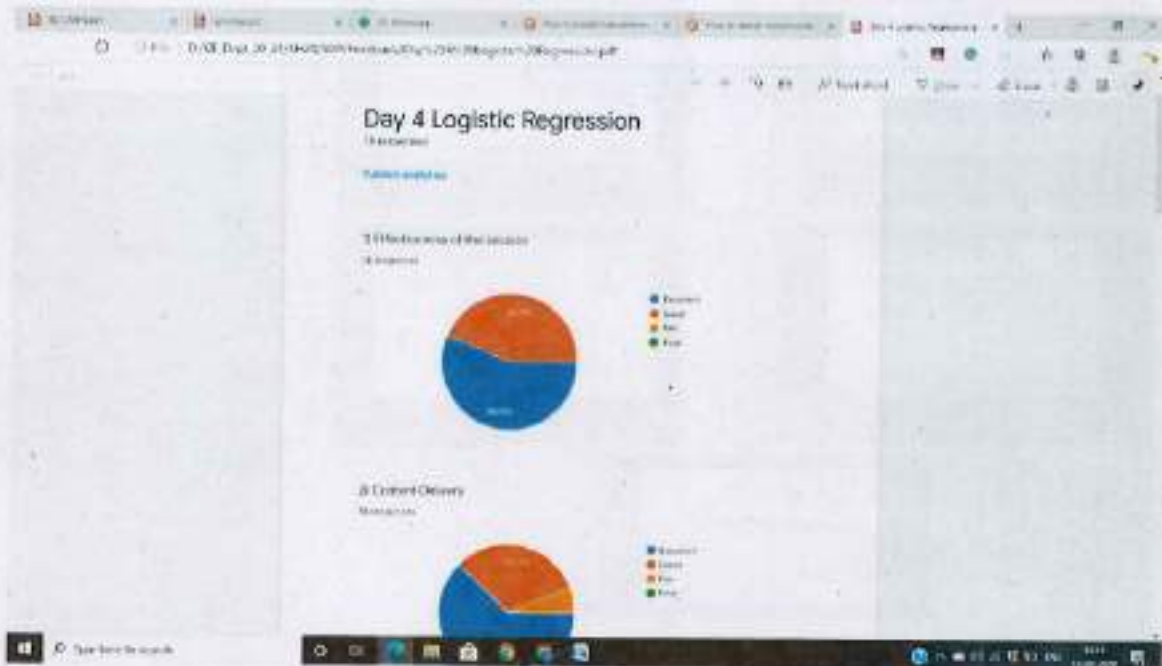
**Attendance:**

Sl. No.	Name	Sl. No.	Name	Sl. No.	Name	Sl. No.	Name	Sl. No.	Name
1	Abhishek Patil	11	Adarsh Patil	21	Adarsh Patil	31	Adarsh Patil	41	Adarsh Patil
2	Adarsh Patil	12	Adarsh Patil	22	Adarsh Patil	32	Adarsh Patil	42	Adarsh Patil
3	Adarsh Patil	13	Adarsh Patil	23	Adarsh Patil	33	Adarsh Patil	43	Adarsh Patil
4	Adarsh Patil	14	Adarsh Patil	24	Adarsh Patil	34	Adarsh Patil	44	Adarsh Patil
5	Adarsh Patil	15	Adarsh Patil	25	Adarsh Patil	35	Adarsh Patil	45	Adarsh Patil
6	Adarsh Patil	16	Adarsh Patil	26	Adarsh Patil	36	Adarsh Patil	46	Adarsh Patil
7	Adarsh Patil	17	Adarsh Patil	27	Adarsh Patil	37	Adarsh Patil	47	Adarsh Patil
8	Adarsh Patil	18	Adarsh Patil	28	Adarsh Patil	38	Adarsh Patil	48	Adarsh Patil
9	Adarsh Patil	19	Adarsh Patil	29	Adarsh Patil	39	Adarsh Patil	49	Adarsh Patil
10	Adarsh Patil	20	Adarsh Patil	30	Adarsh Patil	40	Adarsh Patil	50	Adarsh Patil

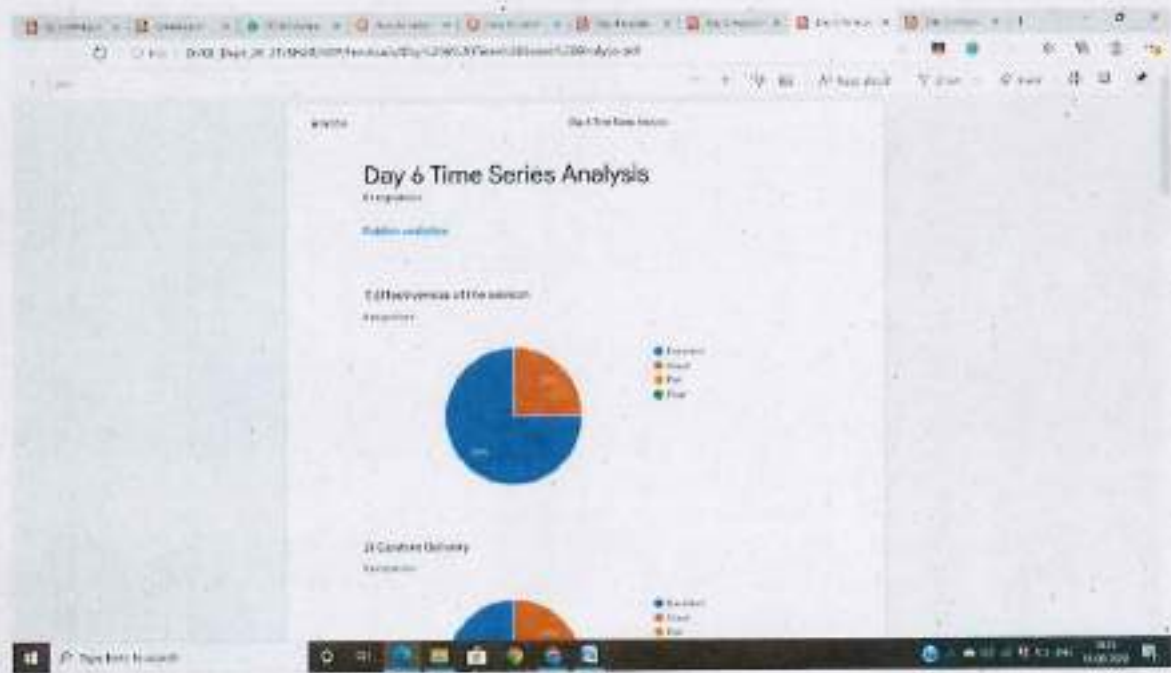
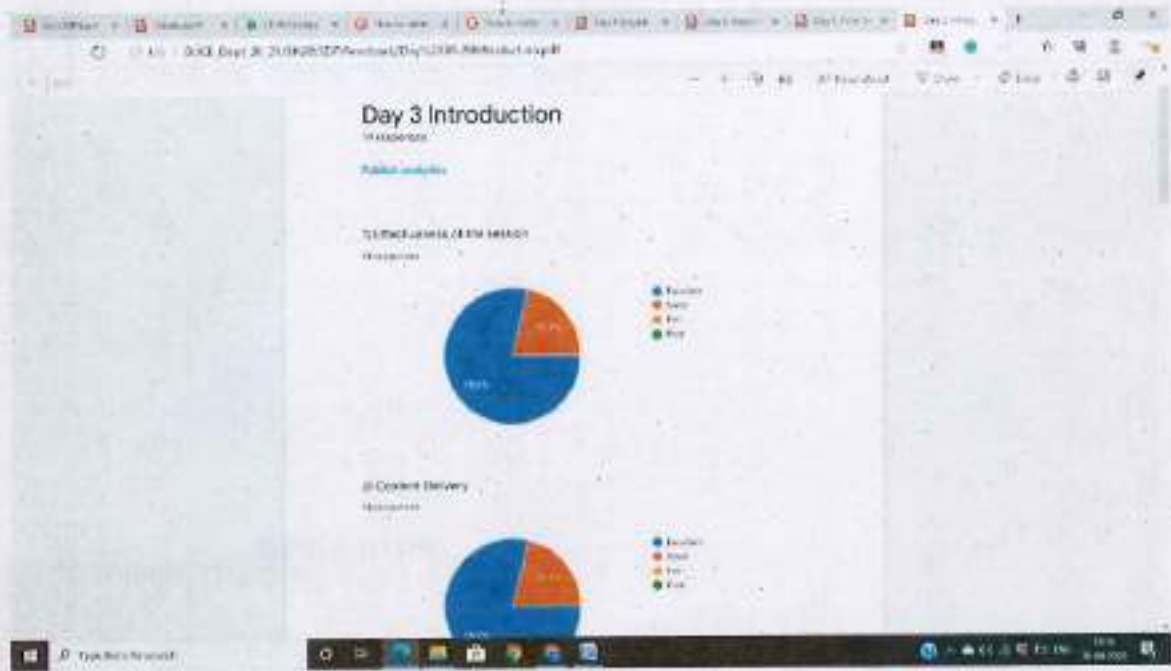
  
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## Feedback analysis

Feedback was collected and overall feedback shows students were satisfied with content and requested to conduct future SDPs on Deep Learning.



  
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## Impact Analysis

  
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Students build applications using R and Shiny and presented it in front of panel. Workshop helped students for placements and students opted data science as area for their future year projects.



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SIES  
RESEARCH & INNOVATIONS

Graduate School of  
Technology

# CERTIFICATE OF COMPLETION

This is to certify that

# Anushree Kolhe

Has successfully completed the course

## Data Science with R

from 22 June 2020 and fifteen days Internship held at **SIES Graduate School of Technology**. During internship he/she has successfully completed project titled **COVID Data Forecasting**

**Pranita Mahajan**

WORKSHOP COORDINATOR

**Dr. Aparna Bannore**

HEAD CE, DEPT

**Dr. Atul Kemkar**

I/C PRINCIPAL SIESGST

**PRINCIPAL**

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Секретариат  
Института  
Лингвистики  
и этнографии  
имени  
В.В. Руденко  
Адрес: Москва, ул. Сусальская, д. 19, стр. 1  
Тел.: 253-10-10

№ \_\_\_\_\_  
Исследования по лингвистике и этнографии  
на территории \_\_\_\_\_

№ \_\_\_\_\_  
Исследования по лингвистике и этнографии  
на территории \_\_\_\_\_

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