

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

ICT/Computing Skills

S.No	Item	Page NO
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Summary of ICT/Computing Skills

ICT skills are essential for engineering students as they enable them to design, test, and make changes to products in minimal time. ICT skills also allow engineering students to collaborate with peers and experts, design products, collect and analyze performance data, and build products. The use of ICT can enhance both the practical and theoretical aspects of STEM teaching and learning. In addition, ICT skills can help engineering students develop problem-solving skills, critical thinking skills, and communication skills. These skills are essential for success in the engineering field.

4. ICT/Computing Skills							
	A.Y 2022 - 2023						
Name of the capability enhancement program	ement implementation (DD-students enro		Name of the agencies/consultants involved with contact details (if any)				
STP-3	SEM-1 2022-23	335	Drof S.M. Callowad 0221002012				
STP-4	SEM-2 2022-23	335	Prof.S.M. Gaikwad, 9321003912				



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Department of Electronics and Telecommunication Engineering

EVENT NO:-	
Title:	Student Training Program IV (STPIV)
Date:	From 23/01/2023 to 12/05/2023 weekly activity.
Day:	Friday
Venue:	Class room no. B108
Time:	10.45 am to 12.45pm
Staff Co-coordinator:	Prof. S.S.Patil
Student coordinators	
Event Conducted Under:	Student Training Program
Activity Type:	Co-curricular
Target Group:	TE (E&TC) All divisions.
Outcome of Program	 Staff and Students of school are be able 1. To Develop problem solving and Logical thinking skills 2. To implement problem solving and logical thinking skills to solve real life problems using data structures and Object Oriented programming.

Brief Summary about Activity:STP-4 stands for the "Student Training Program" and this module is to nurture the research among the students. Each faculty member is allotted with 9-12 students of third year Engineering. Each Faculty supposed to give minimum three research papers of their field to the allotted students. Make them to write one good review paper in IEEE format individually. Five best papers are selected based on the evaluation parameter. Staff Members: Prof. S S Patil, Prof M S Raut and Dr. D. S. Mantri

Photos of activity:.



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MONDAY TUESDAY CN(DSM) CN(DSM) P(PSM (B108)) PDC (MKB) S(VDR)(B207) PDC (MKB) TEA-BREAK TEA-BREAK	ROOM NO.B-103	8 THURSDAY PM(MSR) PDC(MKB)	w.ef 23 JAN 2023 FRIDAY PM(MSR)
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P(PSM (B108)) S(VDR)(B207) PDC(MKB)	CN(DSM)		PM(MSR)
S(VDR)(B207) PDC (MIKB)	· · · ·	PDC(MKB)	
TEA-BREAK TEA-BREAK		T De(MID)	PDC(MKB)
	TEA-BREAK	TEA-B REAK	TEA-B REAK
AJP(PSM (B108)) /NS(VDR)(B207)	LG Mee ting/Dept. Me eting	AJP(PSM (B108)) /NS(VDR)(B207)	STP-4
T&P ACTIVITY	T&P ACTIVITY	T&P ACTIVITY	511-4
JNCH BREAK LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
DSM) (B201A) TA1-PDC(MKB) (B001) (MKB) (B001) TA2-AJP (PSM) (B102A) PSM) (B102A) TA3-Mini-Proj(DDC) (B002)	TA1-AJP (PSM) (B102B) TA2-Mini-Proj(MKB) (B004) TA3-Mini-Proj(DDC) (B002)	TA1-Mini-Proj(MSR) (B002) TA2-Mini-Proj(MKB) (B004) TA3-CN(DSM) (B201)	T Al-Mini-Proj(MSR) (B002) T A2-CN(DSM) (B201) T A3-PDC(MKB) (B001)
+Proj(MSR) (B004) TA4-Mini-Proj(MSR) (B004)	TA4-CN(DSM) (B201A)		T A4-NS (VDR)(B208)
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	Dr.D.D.Chaudhary		Dr.M. S.Gaikwad PRINCIPAL
			Dr.D.D.Chaudhary



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o mile					
S.No	Name of Department	Faculty Coordinator	Faculty Coordinator Mobile Number	Name Of Module to Deliver	Date of Delivery
1	E&TC	Prof. S.S. Patil	992 243 1617	Research Methodology-1	13-04-2023
2	E&TC	Prof. M.S. Raut	9765550636	Research Methodology-2	21-04-2023
3	E&TC	Prof. D.S. Mantri	992 243 1612	Research Methodology-3	28-04-2023

Prof. S.S. Patil

(STP Coordinator)

they

Prof. D.D. Chaudhary (HOD E&TC)



INHGAD INSTITUTE OF TECHNOLOGY, KUSGAON (BK.), LONAVALA DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ACADEMIC YEAR 2022-2023 SEM-II

TE STP ATTENDANCE STP IV

Sr. No	Roll No	Name of the student	13/4/23	21/4/23	28/4/23		
1	TET 01	Jadhav Sagar Changdev	P	P	P		
2	TET 02	Gavhane Ratnadip Damodar	P		P		
3	TET 03	Todkari Shubham Mallikarjun	P	P	Р		
4	TET 04	Sable Suyash Shrihari	P		P		
5	TET 05	Mamdge Rohini Tukaram	P	P	P		
6	TET 06	Mane Manasi Manish	P	D D	12. H 2		
7	TET 07	Kunte Vijay Anant	Р		P		
8	TET 08	Wankhede Suyant Rajesh		P	P		S
9	TET 09	Chaudhari Sanskruti Yashwant	Р	P	P		
10	TET 10	Thombare Pradnya Subhash	P		P		
11	TET 11	Jadhav Punam Bhausaheb		Р	i bar shi kaki		
12	TET 12	Survase Nikita Shrimant	Р		P		
13	TET 13	Zerkunte Jayshree Shivrudra	P	P	P		
14	TET 14	Shinde Siddhant Mahendra		Р	P		
15	TET 15	Pahilwan Aditya Sanjay		Р	Р		
16	TET 16	Abdulaziz Ehtesham Khan	P	Р	P		
17	TET 17	Gomare Shrikant Balaji	P	Р	P		\$
18	TET 18	Mandolikar Sakshi Chandrakant	P	n din selara	P		
19	TET 19	Kashte Alok Rakhmaji	ating in a same a		P		
20	TET 20	Anarse Rutuja Arjun	P	Р			
21	TET 21	Dhage Shubham Rajaram	P	P	Р		
22	TET 22	Deokate Sumeet Sanjay		P	ρ		
23	TET 23	Paunikar Harshita Sudam	Р	P	P		· · · · · · · · · · · · · · · · · · ·
24	TET 24	Bhalerao Ayush Sandeep	Р	ρ			
25	TET 25	Markad Suraj Dadasaheb	Р	Ct			
26	TET 26	Bhosale Shubham Sanjay	P	P	y se en sia	102	





INHGAD INSTITUTE OF TECHNOLOGY, KUSGAON (BK.), LONAVALA DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ACADEMIC YEAR 2022-2023 SEM-II

TE STP ATTENDANCE

Г	Sr. No	Roll No	Name of the student	13/4/28	2114123	28/4-123			
F	27	TET 27	Bhosale Shubham Sanjay	P		P			
T	28	TET 28	Chauhan Rishab Yashwantrao	P	P	P			
T	29	TET 29	Jagtap Shubham Dattatray	P	P	Р			
F	30	TET 30	Ghodke Lokesh Narendra	Р		P			
	31	TET 31	Khandare Aditya Madan		P	P			
T	32	TET 32	Kamble Mayur Rajesh	P	P				
F	33	TET 33	Vijapure Rohan Jitendra	Р	P				0
	34	TET 34	Hiwale Shubham Gangadhar	P	P		-	+	
F	35	TET 35	Kadlag Tejas Rajendra		P	P			
ſ	36	TET 36	Wanjari Saurabh Padmakar	P		P			
F	37	TET 37	Nikam Nitin Balu	P					
ſ	38	TET 38	Pawar Ankush Dnyaneshwar		P	P			
	39	TET 39	Vishal Shegunasi Sidamallapp	P	Р	P			
	40	TET 40	Parde Suraj Satish	P	P	Р			
ŀ	41	TET 41	Rokade Chandrapal Gajanan	P	Р				
F	42	TET 42	Birhare Rushikesh Bapu		P				
ſ	43	TET 43	Lokesh Singh	P	e anothe even a set for	P	and the Parality of		
	44	TET 44	Birajdar Shubham Baswaraj	P	P	P			
F	45	TET 45	Jadhav Ramraje Ramesh	Р	P	P			
	46	TET 46	Hivale Avinash Krushna	P		P			
F	47	TET 47	Chavan Tushar Dattatray		P	P			
F	48	TET 48	Vikas Prasad	Ρ	P	p			
-	49	TET 49	Ambhore Sharad Subhash	P	P	()			
-	50	TET 50	Karad Jaydev Mahadev	P	P	P			
-	51		Raut Abhijit Sanjay	P	P	P			
F	52	TET 52	Mishra Diwakar Ravikant	P		P			





INHGAD INSTITUTE OF TECHNOLOGY, KUSGAON (BK.), LONAVALA DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ACADEMIC YEAR 2022-2023 SEM-II TE STP ATTENDANCE

Name of the student Sr. No Roll No 13/4/23 28/1/23 21/4/2S TET 53 Koli Govind Vinayak 53 P P TET 54 Pathan Sohail Sattar 54 \mathcal{P} P P TET 55 Jaiswal Vaibhav Santosh 55 P P TET 56 Mahakalkar Nisarg Kamlakarji 56 P D 57 TET 57 Langote Krushna Balchand P P TET 58 Poojari Deeksha Dayanand 58 P P P 59 TET 59 Tilekar Poonam Mahadev P P TET 60 Salunke Rani Dattatray 60 · P. 61 TET 62 Gaikwad Punam Maruti TET 63 Phapale Shubhangi Balasaheb 62 1 63 TET 64 Ashtekar Manasi Pravin ١ TET 65 Deshmukh Rushikesh Tanaji 64 P P TET 66 PATIL AMIT CHHOTURAO 65 P P ρ P 66 TET 67 Gore Raviraj Ashok





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Department of Electronics and Telecommunication Engineering

EVENT NO:-	
Title:	Student Training Program III (STPIII)
Date:	From 27/9/2022 to 01/11/2022 weekly activity.
Day:	Tuesday.
Venue:	Class room no. B204, B205, B206
Time:	3:00 pm to 5:00pm
Staff Co-coordinator:	Prof. S.S.Patil
Student coordinators	
Event Conducted Under:	Student Training Program
Activity Type:	Co-curricular
Target Group:	TE (E&TC) All divisions.
Outcome of Program	 Staff and Students of school are be able 1. To Develop problem solving and Logical thinking skills 2. To implement problem solving and logical thinking skills to solve real life problems using data structures and Object Oriented programming.

Brief Summary about Activity: This activity was the part of Student training program. It is preparation towards placement of the students by developing problem solving and logical thinking skills to solve real life problems. This program was divided into 5 modules and four faculties (Prof. S.S. Patil, Prof. A.A. Labade and Prof. V. S. Bari and Dr. D. S. Mantri) were involved in this activity to execute total 15 sessions for 3 divisions of T.E. (E&TC), All sessions were interactive and students were also responsive.

Photos of activity:.





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SIN HGAD TECHNICAL EDUCATION SOCIETY'S SIN HGAD IN STITUTE OF TECHNOLOGY, KUSGAON (BK.), LONAVALA DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION STP III Schedule ACADEMIC YEAR 2022-23 SEM-I

Division Module Date Day Time Module Name of Faculty Sign Module 1 27-Sep-22 Tuesday 2:45pm-4.45pm Problem solving techniques Prof. S.S.P atil Module 2 11-Oct-22 Tuesday 2:45pm-4.45pm Logic Development Dr. D. S. Mantri TE A(B107) Module 3 18-Oct-22 2:45pm-4.45pm Programming Skills-DSA Tuesday Prof. A.A.Labade Module 4 18-Oct-22 2:45pm-4.45pm Programming Skills-DSA Tuesday Prof. A.A.Labade Module 5 1-Nov-22 Tuesday 2:45pm-4.45pm Programming Skills-OOP Prof. V. S. Bari

Prof. S.S.Patil (STP Coordinator)



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Prof. D.D. Chaudhary (HOD E&TC)



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Department of Electronics and Telecommunication Engineering

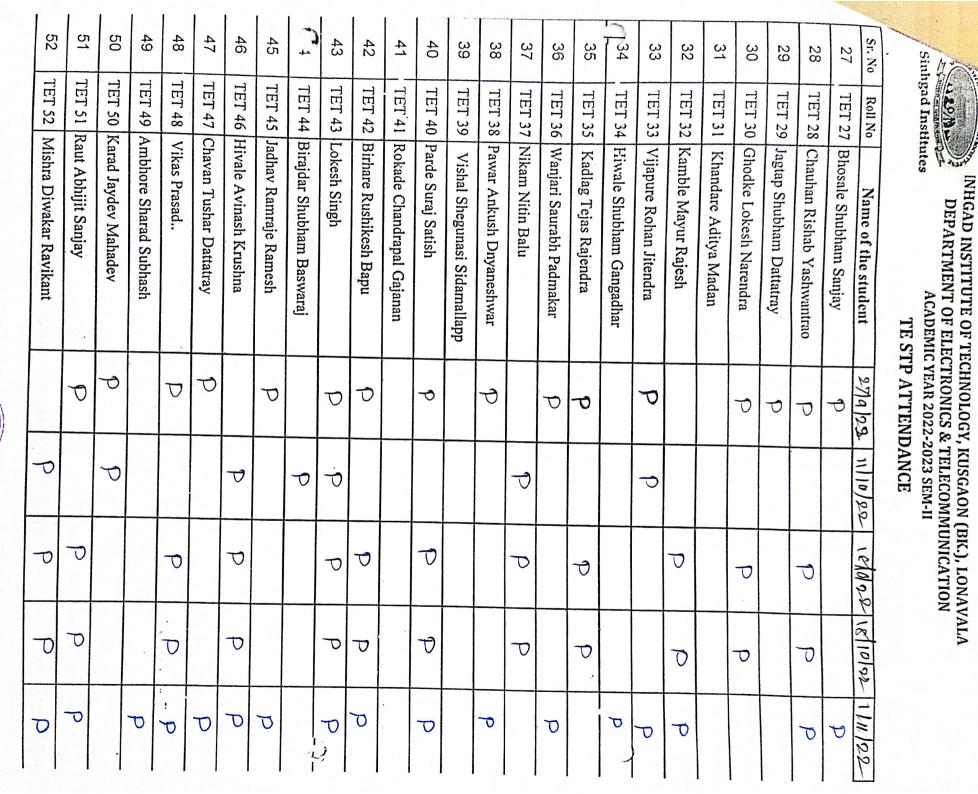


INHGAD INSTITUTE OF TECHNOLOGY, KUSGAON (BK.), LONAVALA DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ACADEMIC YEAR 2022-2023 SEM-STP3

TE STP ATTENDANCE

Sr. No	Roll No	Name of the student	27/09/29	11/10/29-	18/10/22	18/10/22	1/11/22
1	TET 01	Jadhav Sagar Changdev	Р	P	P	Р	
2	TET 02	2 Gavhane Ratnadip Damodar	P	р	P	P	P
3	TET 03	Todkari Shubham Mallikarjun	Р	P	Ρ	P	
4	'I ET 04	Sable Suyash Shrihari	Р	P	P	P	P
5	TET 05	Mamdge Rohini Tukaram	Р	р			Р
6	TET 06	Mane Manasi Manish	P		P	P	
7	TET 07	Kunte Vijay Anant	Ρ				
(Î.	TET 08	Wankhede Suyant Rajesh	P	Р	Р	P	P
9	TET 09	Chaudhari Sanskruti Yashwant		Р			
10	TET 10	Thombare Pradnya Subhash	P	P	P	P	P
11	TET 11	Jadhav Punam Bhausaheb	P	р	Р	P	
12	TET 12	Survase Nikita Shrimant	P	P			Р
13	TET 13	Zerkunte Jayshree Shivrudra	Ą	P	Р	ρ	
14	TET 14	Shinde Siddhant Mahendra			P	P	P
15	TET 15	Pahilwan Aditya Sanjay	р	Р			
16	TET 16	Abdulaziz Ehtesham Khan	4	P	•		P
17	TET 17	Gomare Shrikant Balaji		P	P	Р	
1	TET 18	Mandolikar Sakshi Chandrakant	P	P	P	P	P
19	TET 19	Kashte Alok Rakhmaji	Р	Ρ	P	P	P
20	TET 20	Anarse Rutuja Arjun	P		P	P	
21	TET 21	Dhage Shubham Rajaram	P	P	P	P	P
22	TET 22	Deokate Sumeet Sanjay	ρ	P			
23	TET 23 H	Paunikar Harshita Sudam	·P	p	P	P	
24	TET 24 E	Shalerao Ayush Sandeep			P	P	P
25	TET 25 N	Markad Suraj Dadasaheb		P			
26	TET 26 E	Bhosale Shubham Sanjay	P		P	P	P





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INHGAD INSTITUTE OF TECHNOLOGY, KUSGAON (BK.), LONAVALA DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ACADEMIC YEAR 2022-2023 SEM-II TE STP ATTENDANCE

Γ	Sr. No	Roll No	Name of the student	Tortal	1 1	TICLICION	18/10/22	1/11/2
F	53	TET 52	Kall Q is the student	27/09/22	11/10/22	18/10/22	18/10/22	
F			Koli Govind Vinayak	P	P			P
	54	TET 54	Pathan Sohail Sattar					
	55	TET 55	Jaiswal Vaibhav Santosh	P	P			
L	56	TET 56	Mahakalkar Nisarg Kamlakarji	· · · · · · · · · · · · · · · · · · ·		P	P	10
	57		Langote Krushna Balchand	P				
	58	TET 58	Poojari Deeksha Dayanand	P	P			Ρ
	,	TET 59	Tilekar Poonam Mahadev			P	Ρ	P
	60	TET 60	Salunke Rani Dattatray	P.	, P			P
	61	TET 62	Gaikwad Punam Maruti					
	62	TET 63	Phapale Shubhangi Balasaheb					
	63	TET 64	Ashtekar Manasi Pravin			`		
	64	TET 65	Deshmukh Rushikesh Tanaji	P		P	P	Р
Γ	65	TÉT 66	PATIL AMIT CHHOTURAO					
	66	TET 67 (Gore Raviraj Ashok	P		P	P	Р

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Department of Information Technology

ACADEMIC YEAR 2022-23 SEM I

Vision and Mission of Institute

VISION

उत्तमपुरुषान् उत्तमाभियंतृन् निर्मातुं कटीबध्दाः वयम्।

We are committed to produce not only good engineers but good human beings, also.

MISSION

- Holistic development of student and teacher is what we believe in and work for.
- We strive to achieve this by imbibing a unique value system, transparent work culture, excellent academic and physical environment conducive to learning, creativity and technology transfer. Our mandate is to generate, preserve and share knowledge for developing a vibrant Society.

Vision and Mission of Department

VISION

The department of IT visualizes teaching-learning methodologies to create groomed, technically competent, skilled intellectual IT professionals to achieve the challenges of dynamic needs of local as well global industry and professional community.

MISSION

- The department offers an inviting, nurturing, and challenging environment for self-learning, which is responsive to the intellectual, social and cultural needs of a diverse learning community.
- The success of the department is reflected in well-being of its alumni, who are known for their leadership, adaptability, and commitment to high professional standards.

Short Term Goals

- To continuously upgrade existing resources through qualified and experienced faculty and state of the art laboratories.
- To strengthen the institute-industry relationship for mutual benefits.
- To initiate value addition programs and certification examinations for life skills development of students.
- To establish project-based learning model for real life learning to improve academic performance of students and maintain high placement record.



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Long Term Goals

- To provide dynamic curriculum to meet the requirements of industries.
- To strengthen patent-based research and product development efforts for supporting indigenous market.
- To foster research in the field of Information Technology for the benefits of society.
- To create better entrepreneurs in the IT Sector.

Program Educational Objectives: PEOs

I. Possess strong fundamental concepts in mathematics, science, engineering and Technology to address technological challenges.

II. Possess knowledge and skills in the field of Computer Science and Information Technology for analyzing, designing and implementing complex engineering problems of any domain with innovative approaches.

III. Possess an attitude and aptitude for research, entrepreneurship and higher studies in the field of Computer Science and Information Technology.

IV. Have commitment to ethical practices, societal contributions through communities and lifelong learning.

V. Possess better communication, presentation, time management and teamwork skills leading to responsible & competent professionals and will be able to address challenges in the field of IT at global level.

VI. Possess strong fundamental concepts in mathematics, science, engineering and Technology to address technological challenges.

VII. Possess knowledge and skills in the field of Computer Science and Information Technology for analyzing, designing and implementing complex engineering problems of any domain with innovative approaches.

VIII. Possess an attitude and aptitude for research, entrepreneurship and higher studies in the field of Computer Science and Information Technology.

IX. Have commitment to ethical practices, societal contributions through communities and lifelong learning.

Possess better communication, presentation, time management and teamwork skills leading to responsible & competent professionals and will be able to address challenges in the field of IT at global level.



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Program Specific Outcomes: PSOs

- 1. To provide a platform to the scholars for software development with new innovative multidisciplinary approach to serve the industry needs.
- 2. Apply ethical principles and plan to professional ethics and responsibilities and norms of the engineering practice.
- 3. To apply mathematical methodologies to unravel the real-world problems using appropriate mathematical analysis, arrangement and efficient computer algorithms.
- 4. To provide effective and efficient knowledge of recent technologies like web technologies, data science, machine learning, AI, Cyber security and IOT etc.

Program Outcomes: POs

POs are statements that describe what students are expected to know and be able to do upon graduating from the program. These relate to the skills, knowledge, analytical ability attitude and behavior that students acquire through the program.

- a. An ability to apply knowledge of mathematics, computing, science, engineering and technology.
- b. An ability to define a problem and provide a systematic solution with the help of conducting experiments, analyzing the problem and interpreting the data.
- c. An ability to design, implement, and evaluate a software or a software/hardware system, component, or process to meet desired needs within realistic constraints.
- d. An ability to identify, formulate, and provide systematic solutions to complex

engineering/Technology problems.

- e. An ability to use the techniques, skills, and modern engineering technology tools, standard processes necessary for practice as a IT professional.
- f. An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems with necessary constraints and assumptions.
- g. An ability to analyze and provide solution for the local and global impact of information technology on individuals, organizations and society.
- h. An ability to understand professional, ethical, legal, security and social issues and responsibilities.



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- i. An ability to function effectively as an individual or as a team member to accomplish a desired goal(s).
- j. An ability to engage in life-long learning and continuing professional development to cope up with fast changes in the technologies/tools with the help of electives, professional organizations and extra-curricular activities.
- k. An ability to communicate effectively in engineering community at large by means of effective presentations, report writing, paper publications, demonstrations.
- 1. An ability to understand engineering, management, financial aspects, performance, optimization and time complexity necessary for professional practice.
- m. An ability to apply design and development principles in the construction of software systems of varying complexity.



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Department of Information Technology

TITLE: STP -3: STUDENT TRANING PROGRAMME FOR ACADEMIC YEAR 2022-23

Date	: 3 Aug 2022 to 14 Nov 2022
Day	: Wednesday
Venue	: F203
Time	: 08.30am-10.30am
Staff Coordinator	: Prof.Anuradha P Kulkarni
	: Prof.Anuradha P Kulkarni r: Department of Information Technology

Brief about the event:

STP-3 stands for the **"Student Training Program**" and this module is useful for aptitude questions of FDS, DSA and OOP subjects for the TE students. STP-3 consists of different modules of FDS, DSA and OOP subjects for each subject 2 modules. Total 6 different modules.



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Department of Information Technology

	STP-III (TEIT) Sem-I A.Y. 2022-23 Schedule								
MODULE NO.	Name of Module	Faculty Name	Day	Date	Time				
1	Module 1 (FDS)	Prof.V.P.Tonde	Wednesday	03/08/2022	8.30 am to 10.30am				
2	Module 2 (FDS)		Wednesday	10/08/2022	8.30 am to 10.30am				
3	Module 3 (DSA)	Prof.P.P.Ahire	Wednesday	17/08/2022	8.30 am to 10.30am				
4	Module 4 (DSA)		Wednesday	24/08/2022	8.30 am to 10.30am				
5	Module 5 (OOP)	Prof.F.S.Ghodichor	Wednesday	07/09/2022	8.30 am to 10.30am				
6	Module 6 (OOP)	PIOLF.S.GNOUICHOF	Wednesday	14/09/2022	8.30 am to 10.30am				

Schedule of STP-3

Prof.A.P.Kulkarni STP Coordinator



Dr. R.V. Babar HOD,IT



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Sample PPTS-



STP 3 :Fundamentals of Data Structure : Module 1

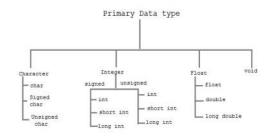
Prepared By: Mrs. S.S.Koul (SKNCOE-IT) Mr. T.R.Patil(NBNSSOE-IT)



Contents

- Data Types in C
- Operators
- Control Structures
- Arrays
- Functions and parameter passing in C
- Recursion
- Macro
- Structure
- Union

Data Types in C



Operators in C

- Operators are the special symbols which are used to indicate the type of operation.
- Operands are the data member or variables operating as per operation specified by operator.
- · One expression contains set operators and operands.

MCQs

- 2. An integer constant in `C` must have
- A) At least one digit
- B) At least one decimal point
- C) A comma along with digits
- D) Digits separated by commas

MCQs

 In a while loop the parantheses after the 'while' contains a ______
 A) condition
 B) statement
 C) count
 D) value

11/16/2021



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Sample Photographs



:-



Prof.Anuradha P Kulkarni STP Coordinator

Dr. R.V. Babar HOD IT



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Department of Information Technology

ACADEMIC YEAR 2022-23 SEM II

Vision and Mission of Institute

VISION

उत्तमपुरुषान् उत्तमाभियंतृन् निर्मातुं कटीबध्दाः वयम्।

We are committed to produce not only good engineers but good human beings, also.

MISSION

- Holistic development of student and teacher is what we believe in and work for.
- We strive to achieve this by imbibing a unique value system, transparent work culture, excellent academic and physical environment conducive to learning, creativity and technology transfer. Our mandate is to generate, preserve and share knowledge for developing a vibrant Society.

Vision and Mission of Department

VISION

The department of IT visualizes teaching-learning methodologies to create groomed, technically competent, skilled intellectual IT professionals to achieve the challenges of dynamic needs of local as well global industry and professional community.

MISSION

- The department offers an inviting, nurturing, and challenging environment for self-learning, which is responsive to the intellectual, social and cultural needs of a diverse learning community.
- The success of the department is reflected in well-being of its alumni, who are known for their leadership, adaptability, and commitment to high professional standards.

Short Term Goals

- To continuously upgrade existing resources through qualified and experienced faculty and state of the art laboratories.
- To strengthen the institute-industry relationship for mutual benefits.
- To initiate value addition programs and certification examinations for life skills development of students.
- To establish project-based learning model for real life learning to improve academic performance of students and maintain high placement record.



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Long Term Goals

- To provide dynamic curriculum to meet the requirements of industries.
- To strengthen patent-based research and product development efforts for supporting indigenous market.
- To foster research in the field of Information Technology for the benefits of society.
- To create better entrepreneurs in the IT Sector.

Program Educational Objectives: PEOs

I. Possess strong fundamental concepts in mathematics, science, engineering and Technology to address technological challenges.

II. Possess knowledge and skills in the field of Computer Science and Information Technology for analyzing, designing and implementing complex engineering problems of any domain with innovative approaches.

III. Possess an attitude and aptitude for research, entrepreneurship and higher studies in the field of Computer Science and Information Technology.

IV. Have commitment to ethical practices, societal contributions through communities and lifelong learning.

V. Possess better communication, presentation, time management and teamwork skills leading to responsible & competent professionals and will be able to address challenges in the field of IT at global level.

VI. Possess strong fundamental concepts in mathematics, science, engineering and Technology to address technological challenges.

VII. Possess knowledge and skills in the field of Computer Science and Information Technology for analyzing, designing and implementing complex engineering problems of any domain with innovative approaches.

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Possess better communication, presentation, time management and teamwork skills leading to responsible & competent professionals and will be able to address challenges in the field of IT at global level.



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Program Specific Outcomes: PSOs

- 1. To provide a platform to the scholars for software development with new innovative multidisciplinary approach to serve the industry needs.
- Apply ethical principles and plan to professional ethics and responsibilities and norms of the 2. engineering practice.
- To apply mathematical methodologies to unravel the real-world problems using appropriate 3. mathematical analysis, arrangement and efficient computer algorithms.
- To provide effective and efficient knowledge of recent technologies like web technologies, data 4. science, machine learning, AI, Cyber security and IOT etc.

Program Outcomes: POs

POs are statements that describe what students are expected to know and be able to do upon graduating from the program. These relate to the skills, knowledge, analytical ability attitude and behavior that students acquire through the program.

- An ability to apply knowledge of mathematics, computing, science, engineering and technology. a.
- An ability to define a problem and provide a systematic solution with the help of conducting b. experiments, analyzing the problem and interpreting the data.
- An ability to design, implement, and evaluate a software or a software/hardware system, c. component, or process to meet desired needs within realistic constraints.
- An ability to identify, formulate, and provide systematic solutions to complex d.

engineering/Technology problems.

- An ability to use the techniques, skills, and modern engineering technology tools, standard e. processes necessary for practice as a IT professional.
- f. An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems with necessary constraints and assumptions.
- An ability to analyze and provide solution for the local and global impact of information g. technology on individuals, organizations and society.
- An ability to understand professional, ethical, legal, security and social issues and h. responsibilities.



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- i. An ability to function effectively as an individual or as a team member to accomplish a desired goal(s).
- j. An ability to engage in life-long learning and continuing professional development to cope up with fast changes in the technologies/tools with the help of electives, professional organizations and extra-curricular activities.
- k. An ability to communicate effectively in engineering community at large by means of effective presentations, report writing, paper publications, demonstrations.
- 1. An ability to understand engineering, management, financial aspects, performance, optimization and time complexity necessary for professional practice.
- m. An ability to apply design and development principles in the construction of software systems of varying complexity.



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TITLE: STP –IV: STUDENT TRANING PROGRAMME FOR ACADEMIC YEAR 2021-22

Date	: 15 Feb 2023 to 1 March 2023		
Day	: Wednesday		
Venue	: F-202		
Time	: 8.30am-10.30am		
Staff Coordinator	: Prof.Anuradha P Kulkarni		
Event Conducted Under: Department of Information Technology			
Activity Type	: Student Training Program		

Target Group: All TE Students of Information Technology Department

Brief Summary about Activity: "To enrich quality of students by empowering them in research with TECHNICAL PAPER WRITING"

- 1. Program to be implemented for T.E. students
- 2. Program to be a coordinated efforts of all the staff members working in dept.
- 3. Students undergone through the three search modules like Research why & how, Literature Review and Technical writing.
- 4. To be implemented in 6^{th} semester.
- 5. Training on Technical paper writing skills

Results of the activity:

STP-4 stands for the "Student Training Program" and this module is to nurture the research among the students. Faculty member are allocated to each module. They explain students about research why and how, how to do literature review and explain technical writing.



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Schedule of STP-IV

STP-IV (TEIT) Sem-II A.Y. 2021-22 Schedule					
Session No.	Name of Module	Faculty Name	Day	Date	Time
1	Session-1 Research How & When	Dr.R.V.Babar	Wednesday	15/02/2023	8.30 am to 10.30am
2	Session-2 Literature	Prof.P.C.Latane	Wednesday	22/02/2023	8.30 am to 10.30am
3	Session-3 Technical Writing	Dr. P.P.Ahire	Wednesday	01/03/2023	8.30 am to 10.30am

STP Coordinator Prof.A.P.Kulkarni



Dr.R.V.Babar HOD,IT



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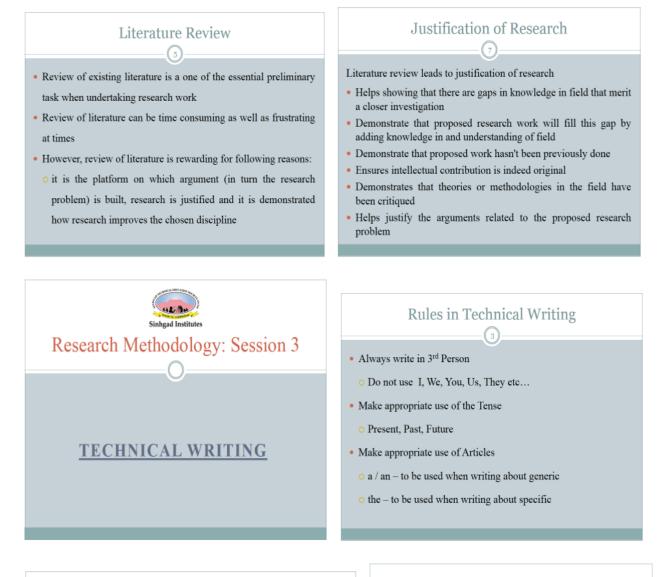
Sample PPTS





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Rules in Technical Writing

- · Keep the sentence, short.
- Divide a write up on a page into multiple paragraphs
- Make sure that there is a flow in the write-up
 - Sentence 2 should connect with sentence 1
 - Paragraph 2 should connect with paragraph 1

.....And so on

Use appropriate technical language

Why Write a Report

- Research work remains incomplete till report is written & presented and/ or published
- Research findings are of little value unless they are effectively communicated
- Writing of report is the last step in a research study and requires a set of skills somewhat different from those called for in respect of the earlier stages of research
- Report writing must be accomplished by the researcher with utmost care; he may seek the assistance and guidance of experts for the purpose
 - Not everyone is a born writer



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Attendance:-

Staff		STP- IV	
Sr. No.	Roll No	Name of Student	3
1	TI 01	Bhalerao Sakshi Ankush	0
2	TI 02	Malvade Yash Mahesh	3
3	TI 03	Jagdish Tulshiram Kamlekar	0
4	TI 04	Panchal Saurabh Narsingrao	0
5	TI 05	Pawar Sagar Gangaram	0
6	TI 06	Karnekar Sahil Ashok	0
7	TI 07	Sanap Ravindra Ajinath	0
8	TI 08	Ghodkhinde Monika Atmaram	0
9	TI 09	Kachare Gaurav Raju	1
10	TI 10	Wadekar Niyati Pandharinath	1
11	TI 11	Jagdale Ajay Krishna	0
12	TI 12	Dalvi Ashwini Vishnu	0
13	TI 13	Zaware Ritesh Santosh	0
14	TI 14	Ghosale Pratiksha Arvind	0
15	TI 15	Bhorde Rohini Santosh	1
16	TI 16	Khandagale Anushka Bipin	1
17	TI 17	Khandebharad Omkar Santosh	0
18	TI 18	Kungar Tushar Santosh	0
19	TI 19	Pawar Vikas Ramesh	3
20	TI 20	Bokey Sai Premkumar	0
21	TI 21	Patil Shraddha Yuvaraj	0
22	TI 22	Bankar Arti Kalyan	0
23	TI 23	Ahire Suyog Suresh	0
24	TI 24	Parkhe Tejas Santosh	0
25	TI 25	Gare Aditya Sharad	0
26	TI 26	Agrawal Himanshu Manojkumar	0
27	TI 27	Lomate Radha Shivaji	1
28	TI 28	Gite Siddhesh Dasharath	0
29	TI 29	Haral Sakshee Sanjay	1
30	TI 30	Jagtap Shruti Santosh	1
31	TI 31	Pathak Khushi Uday	1
32	TI 32	Kalra Aryan Jai Dayal	0



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33	TI 33	Patil Vaishnavi Vilasrao	1
34	TI 34	Kamthe Rutwik Jitendra	0
35	TI 35	Chavan Akash Sunil	0
36	TI 36	Shingan Aryan Rajendra	0
37	TI 37	Gaikwad Rohit Rahul	0
38	TI 38	Gaikwad Ritesh Ramesh	0
39	TI 39	KOKATE SUSHANT PANDURANG	0
40	TI 40	KOKANE SHUBHAM LAHU	0
41	TI 41	KOKANE SOHAM LAHU	0
42	TI 42	KADU ADITYA ANANTA	0
43	TI 43	RAMTEKE SHREYASH RAMNATH	0
44	TI 44	KOKATE SHUBHAM SHAHAJI	0
45	TI 45	DIVEKAR MALAY MANGESH	0
46	TI 46	GADE ASHISH PRALHAD	0
47	TI 47	MORE PRATHAM SHYAM	1
48	TI 48	TAMBADE SHUBHAM SHIVAJI	0
49	TI 49	TELI ANISH DIPAK	0
50	TI 50	WATILE KARTIK SANJAY	0
51	TI 51	PALKAR VISHAL RAVINDRA	1
52	TI 52	SATPUTE SUPRIT SHIVAJI	3
53	TI 53	HIRAY NUPUR DINESH	2
		WAGHMARE APURVA	
54	TI 54	CHANDRAPRAKASH	2
55	TI 55	GUNDE RUSHIKESH BABARAO	0
56	TI 56	JAVIR SAURABH VISHNU	0
57	TI 57	HARER RUTUJA ANIL	0
58	TI 58	NAGAWADE PRATIKSHA SANTOSH	0
59	TI 59	GAWADE POOJA LAXMAN	1
60	TI 60	BHOSALE RUTIK ANNASAHEB	0
61	TI 61	BARGAL CHETAN SANTOSH	0
62	TI 62	LAHUDKAR NIKHIL VIJAY	0
63	TI 63	JAGTAP SIDDHANT SANTOSH	0
64	TI 64	JAYBHAYE PRATIK LAXMAN	0
65	TI 65	PRAJAPAT DIPKUMAR ASHOK	0
66	TI 66	KATORE CHAITANYA SUBHASH	0
67	TI 67	SAMRUT SAHIL ABASAHEB	0
68	TI 68	ADAVALE AJIT BABAJI	0
69	TI 69	KHARCHE PRASHANT VINOD	0
70	TI 70	MOTE SAGAR NARAYAN	0
71	TI 71	SATPUTE OMESH ANIL	0



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72	TI 72	JOSHI ANIKET DEEPAK	0
73	TI 73	GARJE ANIMESH SANJAY	0
74	TI 74	GAIKWAD SAGAR SUDHAKAR	0
75	TI 75	RAVAS SWARUPA MAHESH	0
76	TI 76	SHEVARE SHUBHAM DATTA	0

Prof.Anuradha P Kulkarni STP Coordinator

Dr. R.V. Babar HOD IT