

Sinhgad Technical Education Society's

Sinhgad Institute of Technology, Lonavala, 410401.

Department of

Electronics & Telecommunication Engineering

(Accredited by NBA and NAAC "A" Grade)



Celebrating 30 Years of Academic Excellence



Department of Electronics and Telecommunication

Department at a Glance

✓ Intake ■ 120

✓ Infrastructure Classrooms = 06 + Laboratories = 10 + Seminar Hall = 01

✓ Number of Faculty Teaching 17 (Ph.D.= 04, Ph.D. pursuing=09,P.G=2) + Non-Teaching =04

✓ Placements

 Above 80%

✓ Results ■ 90%+

✓ Achievements Patents filed = 08 (Granted=02) + IETE Executive Committee Member (Pune Center), Books Pub. = 06

Publications 100+, PhD Guide=02

✓ Awards
■ Best Department Award, Best Teacher Awards

International Award=01

✓ University Chairman Paper Setting , Syllabus Setting , SPPU Paper
 Contributions Assessment, Faculty Orientation Workshop etc

✓ FDP/WS/ Conf/GL • FDP-04, WS-08,GL-11, National Conf – 05, Int. Conf.-02 University e PGCON-01



Department of Electronics and Telecommunication

Department at a Glance

- ✓ SIT is leading pioneer among all E&TC departments in STES.
- Excellent faculty including 04 Ph.D., 9 pursuing Ph.D., 2 PG.
- Well-equipped laboratories and with excellent infrastructure.
- Huge Sport Complex and Hostel with all facilities.
- ✓ Accredited by NBA & by NAAC "A" Grade
- ✓ Internship, Industrial/Placement training, Value Addition Programs, Industrial visits.
- ✓ Placement of E&TC is 100% for eligible students
- ✓ Number of companies for placement is 100+
- ✓ Highest Package is 10 Lakh+.
- Research Grants received more than 1 Core.
- ✓ Free Medical Facility.





Department of Electronics and Telecommunication

Vision, Mission, Quality Policy Goals and Intake

UG intake- 120

Institute Vision & Mission

Vision

उत्तमपुरुषान् उत्तमाभियंतृन् निर्मातुं कटीबध्दाः वयम्।

We are committed to produce not only good engineers

But good human beings, also.

Mission

Holistic development of students and teachers 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 & technology transfer. Our mandate is to generate, preserve and share knowledge for developing a vibrant Society.

Department of Electronics and Telecommunication Vision & Mission

Vision

The Department of Electronics & Telecommunication Engineering is committed to cultivate a path of delivering distinctive high quality education, fostering research, creativity and innovation to gratify the proficient requirements of forthcoming / staple industry.

Mission

M1: The E&TC Department in partnership with all stake holders will harness talent, potential for application based indigenous product development in future.

M2: Our endeavor is to provide encouraging environment for life skill development of students while exercising effective learning strategies.

M3: We inculcate unique value system based on excellent academics in project based learning among students to explore and solve problems and challenges of real world applications.



Department of Electronics and Telecommunication

Program Educational Objectives (PEOs)

PEO1: To develop students to achieve high level of technical expertise with strong theoretical background and sound practical knowledge.

PEO2: To inculcate research environment for enhancement of Academia Industry collaboration through conference.

PEO3: To prepare graduates to be sensitive to ethical, societal and Environmental issues while engaging their professional duties, Entrepreneurship and leadership.

PEO4: To enhance ability of students for providing Engineering solution in a global and societal context.

PEO5: To Pursue higher education for professional development.

Program Specific Outcomes (PSO)

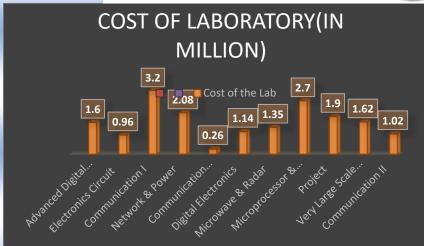
- Get solid foundation in design and development of electronics modules useful to society.
- 2. Able to handle skills based challenges.



Department of Electronics and Telecommunication

Infrastructure – Assets Rs.184, 78,162.15 Cr.









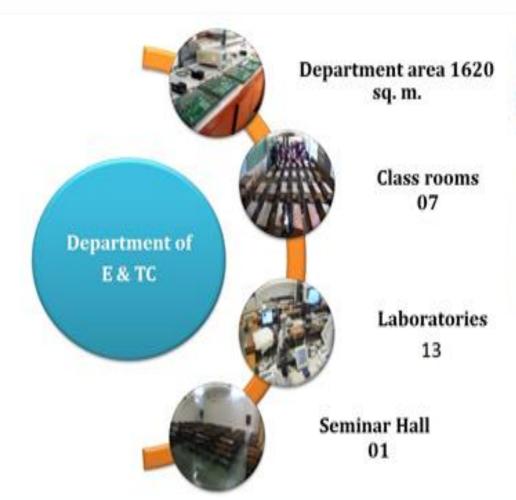
Department of Electronics and Telecommunication

Infrastructural and Computing

















Department of Electronics and Telecommunication

Prominent Hardware

- Spectrum Analysers
- Arbitrary Waveform Generators
- PC Based Logic Analysers
- Mixed Signal Oscilloscopes
- Power Oscilloscopes
- Digital Storage Oscilloscopes
- Klystron Based Microwave Benches
- Gunn Based Microwave Benches
- Digital Satellite Radio Trainers
- PCB Design Laboratories
- Universal Microcontroller Programmers
- Actel, Xilinx CPLD and FPGA Dev. Boards
- Real-time Process Software
- LADDER Programming software

Prominent Software

- **C** Compiler for 8051
- **KEIL MDK ARM**
- Altium Designer 6
- Xilinx 9.1i
- Modelsim 6.2
- **EDK** 9.1
- System generator software
- ChipScope Pro
- Microwind
- **SCARM**
- Multisim
- **MATLAB**























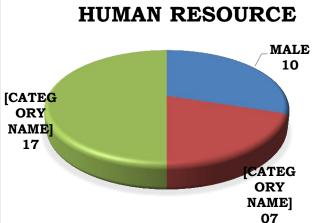


Department of Electronics and Telecommunication

Faculty Details

SN	Name	Designation	DOJ	Quali	Area of Experty	
1	Dr. Mantri Dnyaneshwar Shriranglal	Professor	03-07- 2006	Ph.D	Wireless Communication	
2	Dr. Gholap Sharad Balasaheb	Associ.Professor	15-06- 2006	Ph.D	Software Defined Radio	
3	Ms. Patil Sulakshana Sudhakar	Associ.Professor	15-06- 2006	M.E	Electronics	
4	Dr. Dike Prashant Rajaramji	Asst.Professor	06-07- 2005	Ph.D	Wireless Sensor Networks	
5	Ms. Bhardwaj Sanika Sagar	Asst.Professor	27-01- 2007	M.E	Electronics	[(
6	Mr. Labade Anand Arjun	Asst.Professor	14-07- 2008	M.Tech.	Electronics &Telecommunication	ľ
7	Dr. Rajeshwarkar Vijaya Gopalrao	Asst.Professor	15-06- 2010	Ph.D	Wireless Communication	
8	Ms. More Shital Kiran	Asst.Professor	18-07- 2011	M.Tech.	Electronics	
9	Mr. Bhosale Manoj Krishna	Asst.Professor	01-08- 2011	M.E	Elecronics	Ī
10	Mr. Bhad Sharad Arun	Asst.Professor	02-07- 2012	M.E	Electronics	
11	Mr. Raut Mayur Sahebrao	Asst.Professor	29-07- 2013	M.Tech.	Control System	
12	Ms. Mhetre Pallavi Santosh	Asst.Professor	25-06- 2014	M.E	Electronics &Telecommunication	
13	Ms. Mhetre Chetali Amol	Asst.Professor	07-11- 2022	M.E	Electronics & Telecommunication	
14	Mr. Raskar Vikas Dattatray	Asst.Professor	22-11- 2022	M.E	Electronics & Telecommunication	
15	Mr. Salve Sushilkumar S.	Asst.Professor	01-09- 2023	M.E	Electronics & Telecommunication	
16	Mr. Asane Satish Subhash	Asst.Professor	01-02- 2024	M.E	Electronics & Telecommunication	

Qualification Current Status



Human Resource

Ph.D. -04
PhD Pursuing -9
PG - 03

Avg. Experience of Faculty = 15 Years



Department of Electronics and Telecommunication

Placement Details







Manas Mani, Head of Business
 Process Excellence, Nordea





Department of Electronics and Telecommunication

Major Recruiters





Department of Electronics and Telecommunication

Externally Funded R&D and Consultancy

Name of Staff
Dr. D. D. Chaudhary
Dr. D. S. Mantri
Dr. V. V. Deotare
Dr.S. B. Gholap
Prof. S. S. Patil
Dr. J. R. Gangane
Dr. S. D. Nawale
Prof. S. S. Bharadwaj
Dr.R. V. Babar
Prof. P. C. Latane
Dr. V. V. Deotare
Prof. P. R. Dike

Funding Agencies
European Commission
GISFI
BCUD Project/IGNOU Consultancy
BCUD Project
GISFI
European Commission
European Commission / IGNOU Consultancy
European Commission
BCUD Projects
SPPU
Ancienses Technologies
Ancienses Technologies





Department of Electronics and Telecommunication

Faculty Achievements

FDPs/STTPs/Workshops/Conference

Paper Publications

SR				Partic	ulare			
NO.	NAME OF THE	N	Particulars NO.OF PUBLICTION IN					TOTAL
	STAFF	NC	NJ	IC	IJ	Patent	Book	
1	Dr.D.S.Mantri	1		1		-	3	5
	Dr. S. B. Gholap	2		2		1		5
2	Ms . S.S. Patil			1				1
3	Dr. P.R.Dike	1	-	-				1
4	Prof. Bhardwaj			3	1		1	5
	Sanika Sagar							
5	Prof.V.S.Baste			1	-			1
6	Dr Rajeshwarkar		_	-	1	-	-	1
	V.G							
7	Prof. S. K. More		-	-	2			2
8	Prof. M. K.Bhosale	2	1	-	-			3
9	Prof. M. S. Raut	1	-	-	1	-	-	2
	Prof. P. S. Mhetre	-	-	-	1	-	-	1
10	Total	7	1	8	06	01	4	27

- Reviewers For Reputed Journal
- Board Member in Various University
- Elite Certification in NPTEL
- Subject Chairman's in SPPU
 University
- Received Best Teacher Award
- Co-Editors in Journals
- Publication = @100+
- National Conference organized = 05
- Copyrights = 10
- Patents = 04
- IETE EC Member and Vice Chair
- NPTEL- Elite Certifications
- Programs Organized 50+

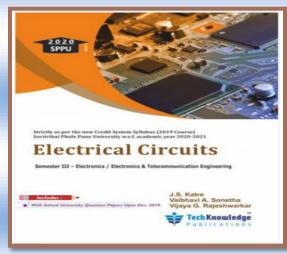
Workshops/ Conference/ Guest Lectures/FDP attended by Faculty

Category	Workshops	International Conference		Book	Guest Lectures	FDP	STTP
Total No.	17	6	5	4	17	17	10



Department of Electronics and Telecommunication

Book Published

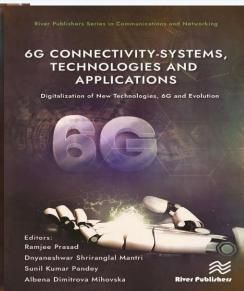














Department of Electronics and Telecommunication

Patent Published

Sr. No	Date	Name of The staff	Activity/ Event	Venue
1	25-Jun-2021	Dr. D.D. Chaudhary	Patent Filed and Published titled 'A Method For Empirical Risk Assessment Of Brain Disorder Using Neural Network Diagnostic System' Application No.202111026315A. The Patent Office Journal No. 26/2021	
2	20-Nov-2020	Mrs. V. S. Baste	Published Patent on the topic Design and Development of AI Based Compact Sanitization Robot System with BE students	Indian Patent
3	01-June-2020	Mrs. D. K. Shende	Filed Patent titled Device for Rescue from Bore-well with Final Year Project Students	Indian Patent
4	07-Mar-2021	Mr. M. S. Raut	Patent filed on Multipurpose land rover using artificial	Indian Patent
			intelligence in 5G communication system	







	1	(4) Patitionice Date : 250€ 3021
54) Tale of the inventor. A METROD FO RETWORK DIAGNOSTIC SYSTEM	K EMPELICAL XISE	ASSESSMENT OF BRAIN DISORDER UNDIG NEUTRAL
50 International classifications 510 Postings Photomere No. 53 Postings Photomere 2019 53 Postings Of Section 2019 53 Postings Of Section 2019 54 Postings Of Section 2019 55 Postings Of Section 2019 56 Postings Of Section 2019 57 Postings Of Section 2019 58 Postings Of Section 2019 58 Postings Of Section 2019 59 Postings Of Section 2019	ARTBORNSONOO, ARTBORNSONOO, GRBDCREWEDDON GRBDCREWEDDON NA NA NA NA NA NA NA NA NA NA NA NA NA	Artificial Intelligence in Machine Learning, Indeposits Engineering College, Ghorashod, Urbs Prodesh India



Department of Electronics and Telecommunication

Value Addition & Skill Improvement Programs

- Continuous Evaluation Methods
- Seminars, Conferences
- Students Training Programs 1 to 5
- Workshops, Conferences, FDP, Value Addition Programs
- PPT, Animations, Quiz, Video
- Industrial Visits, Internships
- Guest Lectures
- **■** Continuous Project Evaluations
- IEEE Student Chapter & Liaison with IETE
- Sinhgad Student Council and Techtonic
- Mini Project & Major Project
- Competitions
- NPTEL Programs



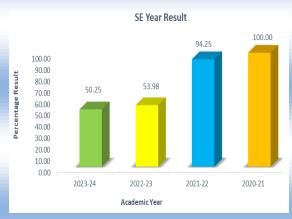


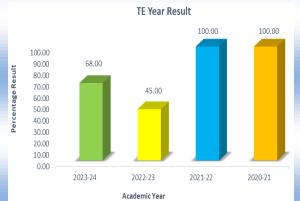


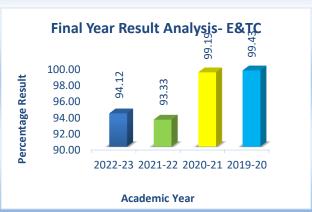


Department of Electronics and Telecommunication

University Result







Academic	Result in % (*All Clear)				
Year	SE	TE	BE		
2023-24	50.25	68.05	62.07		
2022-23	53.98	45.45	94.12		
2021-22	94.25	100	93.33		
2020-21	100	100	99.10		
2019-20	100	100	99.43		



Department of Electronics and Telecommunication

University Rankers



	University Rankers					
Sr.	Name of Student	Batch	Class	Rank		
01	Manvesh Shandilya	2011-12	TE	5 th		
02	Ashwini Khondage	2013-14	TE	7 th		
03	Pooja Khot	2015-16	TE	10 th		

Professional Body Student and Staff Chapter













Department of Electronics and Telecommunication

Event Organized









1. A High Par

2 Days Free Data Science Workshop

Introduction to our Flagship

VIRTUAL INTERNSHIP PROGRAM (VIP)



EARN STIPEND UPTO RS 23100/-

42/10

JGEI	0
ring Chill	Date- 15 & 16
ying Skill	Time - 11 AM

2. Stipend 3. Internship Certificate

4. Placement Assistance 5. Resume Preparation

Register Now Link in the Description

For any query contact: +91 8584003772 / +91 9100695359

Months	100/-per hour (Per Student)	Attendance Reward for above 95% (Per Student)	Monthly Reward For First 3 Top Performers (Per Student)
1st	2200	500	1st 2nd 3rd 5000 3000 1500
2nd	2200	500	1st 2nd 3rd 5000 3000 1500
3rd	2200	500	1st 2nd 3rd 5000 3000 1500





Department of Electronics and Telecommunication

Event organized











Department of Electronics and Telecommunication

Students Achievements







Online Certification

This certificate is awarded to



for successfully completing the course

The Joy of Computing using Python

with a consolidated score of 78

Proctored Exam 28.13/50 Online Assignments | 25/25 Programming Exam 25/25

Total number of candidates certified in this course: 5563

Chairman
Centre for Centiming Education, #TM

Sep-Dec 2020 (12 week course)





Indian Institute of Technology Madras





Department of Electronics and Telecommunication

Co-Curricular Activity

- ➤ Value Addition Program = 07
- > Spoken Tutorial (IIT Bombay)= 06
- ➤ German Language Certification = 02
- ➤ Industrial Visits = 04
- ➤ Internships = 46
- ➤ MoUs =15

Outcome:

To bridge the gap industry and academia.







German Language Training



Industry Visit



Department of Electronics and Telecommunication











Department of Electronics and Telecommunication

News Bulletin Ouantum



































Juru poornima was oriebrated to make students aware about rich ouliural heritage of "Guru Shishhya persempa-a". On this auspicious day IETE students skicituss scalenes for the function on skaping student sersonality, Dr.D.C. Chaudbary (Viss-Principal JSOD SIT







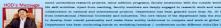
er. No.	Topic of Webinar/ workshop	Activity Conducted Under	Faculty In charge
1	Organized webinar on "Role of Al and Machine Learn- ing in Industry"	IE Club	Dr. R. V.Beber
2	Organized webinar on "Importance of Patent Filing"	IE Club	Dr. R. V.Baber
3	Organized webiner on "Career Opportunities in Engineering Education"	IE Club	Dr. R. V.Beber
4	Organized webinar on "IOT Device Design"	IE Club	Dr. R. V.Saber
5	Organized webiner on "Understanding Innovation/ Incubation Policy of MHRD Covt. of India"	IE Club	Dr. R. V.Beber
9	IEEE SIT SB Inauguration 2020 and webinar on "Benefits of IEEE"	IEEE club	V. S. Boste
7	Webiner on "Anatomy of event"	IEEE club	V. S. Baste
	Webingr on "resume, cover letter and interviewing by Wise up communication"	IEEE club	V. S. Boote
0	Webingr on "role of youth in attaining Atmanirbhar Bharat"	IEEE club	V. S. Boste
10	Organized webinar on *Post-COVID19 rehabilitation - Leveraging opportunities through technology interven- tion to improve society*	IEEE club	V. G. Boste
11	webiner on "Career Opportunities in Multi Billion dollar Audio Visual Industry".	e-SiTizen Club	S. K. More
12	workshop on "Cyber Security"	e-SiTizen Club	S. K. More
13	webinar on "Career Opportunities in Oracle Applica- tions"	e-GiTizen Club	Q. K. More
14	Electromania 4.0	IETE Student Body Chapter	D.K. Shende
15	Quest Lecture on IETE membership Benefits	IETE Student Body Chapter	D.K. Shende
10	IOT Innovations	IETE Student Body Chapter	D.K. Shende























Department of Electronics and Telecommunication

Industrial Tie-ups/MoUs

Synapze Eduservices Wadhwani Operating Maharashtra Center For Foundation Enternership Development Ascent Technologies Global Dialect Language Vinsys IT Services (I) Pvt. Ltd. ZinZout Teletech **Solutions Techmaniacs Eduservices LLP** Microembedded Technology **Synapze Eduservices My Proficiency Technical Techmaniacs Eduservices LLP Global Infotech Institute and Project Solution**

Total MoUs (15)



Department of Electronics and Telecommunication

Department Achievement

Social Activity







International Conference

सिंहगड लोणावळ्यामध्ये मतदार जागृती दिन साजरा

तबेशव एमअवडीली - २५ जलेवरी १९५० रोजी स्थापन झालेखा



राष्ट्रीय इनेक्सन क्रियानमा बादिएका साइदर दिन पहचून राजन केवर जाते. विद्याद्वार लोगावल केव्यानमध्ये लाग महाविद्याद्वाराच्या व्योगे जांगधिकती सुनाव भागते, बंदन अधिकारी थी. के. केवले, तावादी एज. के. दगढे जादी जानिया होते. कुनमान बुद्दल, सिहमाद

लोगावला संकुलातील सर्व प्राचार्य जागि राष्ट्रीय सेवा योजनेचे कार्यक्रव अधिकारी आणि राष्ट्रीय सेवा बोरलेचे स्वयंसेचक बांध्या जमस्थितीत सारता बरुपात आल. कार्यक्रमाची सुरुवात समाजी सादेदरा याच्या गरेश मंदिरामान्य राहीय सेवा योजनेच्या विद्यारयोगी मतदान जारती विषयक फलक हार्री पेकन माद्यन जन्मी क्रियक धोकन देत केनी काइम्बात जाली. नेजी विकास इन्सिट्टाइट जॉन्ड टेक्नॉलॉजी, विकास, एन. बी. नवले कॉमर्स कॉलेज मार्गे श्रीमती क्लोबाई नवले सिहनत हम्पिट्ट्यूट जॉक टेक्नॉलॉनी जींड सामनाच्या सम्पन्तमध्ये विदासी, प्रत्यापक आणि वर्ष महाविद्यालयाचे प्राचार्य यांच्या सम्मन्त्ये राहमानी आले. राहीय सेवा योजनेचे विद्यार्थी मोठ्या संख्येने उपस्थित होते. कार्यक्रमाचे प्रास्ताविक प्रकृत संबारक प्रचार्य हाँ. पाणिक पापकवाद वांनी केले. पानुपर विवास कार्व केलेल्या राष्ट्रीय सेवा योजनेच्या स्वयंत्रेयकांचा स्वयंत्रेयकांचा सरकार प्रांत अधिकारी यांच्या हरते करण्यात आला. ततेल परी, परी, पेंट पूराणे क्षोटर क्षेत्रिफिकेकन हिटर रहिट है, रकड़ारे महदाराने कोणवा क्रमांकरच्या एनेदबारात गरदान केरवाचे मस्दारात दिल् शकते, त्याचा कारहपाची ५-७ मेक्ट्र परवासती दिसमें आणि नंतर हिन्द होजन ट्रेमध्ये परते. तसेव मार्चेटी क्षेणाचाडी प्रकारे 'हेंक' बनात देश नसल्याचे संस्थितने, पंकाब जावत यांची आमार मानले.





Department of Electronics and Telecommunication

Department Achievement

Best Department Award 2020-21

SINHGAD TECHNICAL EDUCATION SOCIETY'S

In Appreciation of Academic Excellence and outstanding contribution

DR. M. S. GAIKWAD

CERTIFICATE

SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA

Best Department Award 2012-13



Best Department Award 2013-14







Department of Electronics and Telecommunication

Department Achievement

Best Teacher Award 2022-23

Best Teacher Award 2017-18

Best Teacher Award 2016-17











Department of Electronics and Telecommunication

National Award for Excellence







Department of Electronics and Telecommunication

CAREER COUNSELING CENTER



CAREER GUIDANCE

SR NO.	NAME OF THE Activity	Name of Faculty	Departmen t	Responsibility
1	Coordination of all activities	Prof Yogini M. Raut	Mechanical	Head CCC
2	Co- Coordination of all activities	Prof. Swapnil S. Shinde	Mechanical	Co-Head CCC
3	Competitive Exam	Prof. Dipak Raskar	E&TC	Member
4	Industry Internship	Prof. Priyanka Jagtap	IT	Member
5	Alumni Interaction	Prof. Bharti Dhote	Computer	Member
6	Entrepreneurship Cell Development	Prof. S.N. Mali	F.E	Member
7	Foreign Language	Prof Vikram Chavan	Computer	Member
8	Higher Education	Prof. Sachin Chavan	Mechanical	Member



Department of Electronics and Telecommunication











Department of Electronics and Telecommunication







Department of Electronics and Telecommunication

Professional Body & Student Clubs

Sr. No	Name of Professional Body/ Club	Name of Coordinator
01	IEEE	Dr. D. S. Mantri
02	IETE	Dr. P. R. Dike
03	IEI	Dr. S. B. Gholap
04	ISTE	Dr. V. G. Rajeshwarkar
05	e-sitizen Club	Ms. S. K. More
06	Vodaphone Club	Ms. S. S. Patil
07	Robotics	Mr. V. D. Raskar

Various activities are organized for development of Students













Department of Electronics and Telecommunication

Honor's Course Participation

SPPU Honors Course started at Campus level (AY 20-21)

College Name	AI & ML	Cyber security	Data Science	ЮТ	Virtual Reality	Total TE+BE	
SIT	154	72	84	94	04	408	
SKN	18	37	14	01	08	78	
Total	172	109	98	95	12	486	

SPPU Honors Course started at Campus level (AY 21-22)

	AI &	Cyber	Data	IOT	Virtual	Block	Robotics	Elect	Energy	Total
College	ML	security	Science		Reality	Chain		Vehicle	Manag.	TE
Name										only
SIT	117	70	40	46	02	03	18	48	09	353
SKN	25	89	39	04	03	00	01	04	00	165
Total	142	159	79	50	05	03	19	52	09	418

SPPU Honors Course started at Campus level (AY 22-23)

	AI &	Cyber	Data	IOT	Virtual	Block	Robotics	Elect	Energy	Total
College	ML	security	Science		Reality	Chain		Vehicle	Manag.	TE
Name										only
SIT	25	21	32	6	01	05	5	9	09	107
Total	25	21	32	6	01	05	5	9	09	107

THANK YOU