#### S.A. ENGINEERING COLLEGE, CHENNAI-77. (An Autonomous Institution, Affiliated to Anna University) DEPARTMENT OF EEE LIST OF IEEE ACTIVITIES For 2022-2023(Even)

SL.NO	DATE	Activity No	Activity type	Class	EVENT PHOTOS
1	10/02/2023	Activity Series #1	Tech Talk Feb'23	II EEE B and III EEE	
2	17/02/2023	Activity Series #2	Hi-Tech Bond	II EEE A	7
3	24/02/2023	Activity Series #3	Applied Wrangle	II EEE B	
4	28/02/2023	Activity Series #4	Knowledge Locus	II EEE A, B III EEE and IV EEE	
5	01/03/2023	Activity Series #5	IEEE Photonics Society Madras Chapter sponsored workshop on "solar plant design and energy estimation with PVsyst"	II EEE A B and III EEE	SERVICE BUILDING
6	03/03/2023	Activity Series #6	Orbit Amending	II EEE A	
7	10/03/2023	Activity Series #7	Orbit Amending	II EEE A	
8	23/03/2023	Activity Series #8	Quiz Buzz	II EEE B	
9	31/03/2023	Activity Series #9	ADZAP	II EEE A	
10	06/04/2023	Activity Series #10	Workshop on "CADD Technologies in Electrical Applications"	II EEE A and B	
11	13/04/2023	Activity Series #11	Guess the word	II EEE B	
12	21/04/2023	Activity Series #12	Scientific Discourse	II EEE A	OPPO AS2 2023 00720 20.08

## S.A. ENGINEERING COLLEGE, CHENNAI-77. (An Autonomous Institution, Affiliated to Anna University) DEPARTMENT OF EEE LIST OF IEEE ACTIVITIES For 2022-2023(ODD)

SL NO	DATE	PROGRAM DETAILS	PARTICIPANTS	PROFESSIO NAL BODY AFFILIATIO N (IF ANY)	EVENT PHOTOS
1	10/08/2022	Guest lecture on "Digital signal processing" Presented by Dr,Sabitha Ramakrishnan, Asso.Professor, MIT, Chennai.	III EEE Students	IEEE Student Branch-Madras Section	
2	17/08/2022 to 01/09/2022	Value added course on "Power System Analysis Using ETAP" delivered by Mr.Harikrishnan, Power Projects.	IV EEE Students	IEEE Student Branch-Madras Section	ANG ANGENIES
3	18/08/2022	Guest lecture on "Microprocessor and Microcontroller" Presented by Dr,Meyyapan, Asso .Professor, MIT Chennai.	III EEE Students	IEEE Student Branch-Madras Section	
4	05/09/2022 to 09/09/2022	Value added course on "IOLOGIX- PLC & SCADA"	II EEE Students	IEEE Student Branch-Madras Section	
5	15/09/2022	IEEE event on "Technical Connections"	III EEE Students	IEEE Student Branch-Madras Section	
6	30/09/2022	IEEE event on "Technical Quiz"	III EEE Students	IEEE Student Branch-Madras Section	
7	14/10/2022	IEEE event on "Debate on Business Ideas"	III EEE Students	IEEE Student Branch-Madras Section	
8	14/10/2022	Industrial visit to Sriperumbudur 400KV Substation	II EEE B Sec & IV EEE Students	IEEE Student Branch-Madras Section	
9	21/10/2022	Guest lecture on "Electrical Machines 1" Presented by Dr.D.Zamrooth, Assistant Professor, Department of EEE, University College of Engg, Kanchipuram	II B Sec EEE Students	IEEE Student Branch-Madras Section	Kanchipuram, Tamil Na पेंनालुर, Tamil Nadu 60210 Lat 12.983889° Long 79.976182° 14/10/22 11:48 AM GMT -

10	21/10/2022	IEEE event on "Circuit Debugging"	III EEE Students	IEEE Student Branch-Madras Section	S Mant Survey Co.
11	21/10/2022	Industrial visit to Voltech Transformers	II EEE A Sec Students	IEEE Student Branch-Madras Section	
12	28/10/2022	IEEE event on "Technical Debate" "IC engine Vehicle vs E-Vehicle" & "IT Jobs Vs Core jobs"	III EEE Students	IEEE Student Branch-Madras Section	O TO
13	22/08/2022 to 27/08/2022 01/11/2022 to 05/11/2022	Value added course on "Problem solving by using C Programming Language" delivered by Denisraja.M, Silicon software services	III EEE Students	IEEE Student Branch-Madras Section	
14	05/11/2022	Guest lecture on "Renewable Energy Systems" delivered by Dr.K.Boopathi, Director & Division Head, national institute of Wind Energy	II EEE A Students IV EEE Students	IEEE Student Branch-Madras Section	
15	07/11/2022	Industrial visit to voltech Transformers	III EEE Students	IEEE Student Branch-Madras Section	
16	23/10/2022 to 30/11/2022	Value added course on "IOLOGIX-PLC & SCADA"	II EEE B Students	IEEE Student Branch-Madras Section	
17	29/11/2022	Guest lecture on "Innovation and Entrepreneurship" delivered by Dr.E.Bhaskaran, Joint Director/General Manager, DIC MSME	IV EEE Students III EEE Students	IEEE Student Branch-Madras Section	

## S.A.ENGINEERING COLLEGE, CHENNAI-77. (An Autonomous Institution, Affiliated to Anna University) DEPARTMENT OF EEE LIST OF IEEE ACTIVITIES For 2021-2022

SL.NO	DATE	PROGRAM DETAILS	PARTICIP ANTS	PROFESSIONAL BODY AFFILIATION (IF ANY)	EVENT PHOTOS
1	28/02/2022	National Science Day Celebration - Project Expo	I,II,III,IV Year EEE	IEEE Student Branch-Madras Section	
2	14/03/2022	Guest Lecture on "Effective communication skill development"	IEEE Student members	IEEE Student Branch-Madras Section	
3	24/03/2022	Quiz and amp; Connection games	IEEE Student members	IEEE Student Branch-Madras Section	
4	29/03/2022	Technical seminar & amp; Debate	IEEE Student members	IEEE Student Branch-Madras Section	
5	12/04/2022	Technical Quiz	IEEE Student members	IEEE Student Branch-Madras Section	THE
6	05/05/2022	Guest Lecture on "Recent trends in AC Machines" Presented by Mr.J.Srinivasan, Partner/Director , Ace Enables LLP, Sivabootham Main Road , Chettiar Agaram, Chennai, Tn- 600077	EEE-2 <sup>nd</sup> Year	IEEE Student Branch-Madras Section	
7	30/05/2022	Guest Lecture on "Stability Analysis in Control Systems" Dr.D.Vasanthi, Associate Professor, Department of Instrumentation Engineering, Madras Institute of Technology,	EEE-2 <sup>nd</sup> Year	IEEE Student Branch-Madras Section	

		Anna University,			
8	07/05/2022	Chennai Guest Lecture on "Modern Tools for Electrical Machine design" Presented by Dr.A.Deepak, Design Engineer, Expelled Systems private Limited . Rajiv Gandhi Salai, Kalavakkam, Tamilnadu, India	EEE-3 <sup>rd</sup> Year	IEEE Student Branch-Madras Section	
9	31/05/2022	Guest Lecture on "Recent Trends in power system protection & relay coordination" Presented by Mohd. Abdul Kalam M, Power system Engineer, Power projects, Chennai	EEE-3 <sup>rd</sup> Year	IEEE Student Branch-Madras Section	O REOM NOTE 6 PRO NOTE 6 PRO
10	24/05/2022	Guest lecture on "Design of Earthing for High power components using ETAP" presented by MS. R, Johnie Hepziba, Senior power system analyst, KNR Engineers and consultants, A JEF group of company, Chennai	EEE-4 <sup>th</sup> Year	IEEE Student Branch-Madras Section	

11	10/05/2022	Guest Lecture	EEE-4 <sup>th</sup>	IEEE Student Branch-Madras	CECVIAG ALDITORIUM
		on	Year	Section	historial and the second secon
		"Implementation			Marie and
		of AMR in			
		Indian utility for			Anni ar
		RE Generators"			Dorphia sacres
		Presented by			100
		Mr.C.Nallasivan,			
		Assistant			
		Executive			A TOTAL AND A COLOR
		Engineer, Ofiice			
		of the Chief			
		Engineer/IT,			
		Annasalai,			
10	20/04/2022	Chennai	EEE and		
12	30/04/2022	Industrial visit	EEE-2 <sup>nd</sup>	IEEE Student Branch-Madras	
		on "Factory	Year	Section	
12	07/05/2022	Automation"	EEE 2rd	IEEE Co. 1 A D. 1 M. 1	
13	07/05/2022	Industrial visit	EEE 3 <sup>rd</sup>	IEEE Student Branch-Madras	
		on "Factory Automation"	from Year	Section	
14	From	Value added	EEE-2 <sup>nd</sup>	IEEE Student Branch-Madras	
14	18/04/2022	course on "Core		Section Section	
	To		Year	Section	
	30.04.2022	industrial placement			
	30.04.2022	training on			
		0Factory and			
		process			
		Automation"			
		Automation			

### S.A.ENGINEERING COLLEGE, CHENNAI-77.

## (An Autonomous Institution, Affiliated to Anna University) DEPARTMENT OF EEE

### **LIST OF IEEE ACTIVITIES For 2021-2022**

SL.	DATE	PROGRAMME	PARTICIPANTS	PROFESSI	EVENT PHOTOS
NO		DETAILS		ONAL	
				BODIES	
				AFFILIATI	
				ON (If any)	
1	03/09/2021	Guest lecture on	II,III, IV YEAR	IEEE Student	
		"IEEE, The World of	CSE,ECE,EEE,IT & II	Branch-	
		opportunities- IEEE	,III Year MAC Students	Madras	
		Awareness Program		Section	
2	04/09/2021	Guest Lecture on	IV Year Students	IEEE Student	
		"Control of active		Branch-	
		power and reactive		Madras	
		power using ETAP"		Section	
		Presented by			
		Er.E.Mohankumar,			
		Power system			
		Engineer, /s Power			
		projects, Koduvai			S STEAM SHIPT A STATE OF THE ST
	0.4/1.0/2021	C	IXIXI C. 1	IEEE C. 1	
3	04/10/2021	Guest Lecture on	IV Year Students	IEEE Student	
		"Wind Turbine		Branch-	
		Components and		Madras	
		various Technologies"		Section	
		Presented by			
		K.Boopathi, Director			
		& Division Head,			
		National institute of			
		wind energy (NIWE),			
<u> </u>	00/00/2021	Pallikaranai, Chennai	HIN C. 1	IEEE Ct. 1	
4	09/09/2021	Guest Lecture on "	III Year Students	IEEE Student Branch-	
		Object oriented		Madras	
		Programmig"		Section	
		Presented by Mr.S.Navaneethan,		Section	
		System Engineer, Infosys Pvt Ltd			
5	01/10/2021	Guest Lecture on	III Year Students	IEEE Student	
3	01/10/2021	"Industrial	111 Teat Students	Branch-	
		Implementation of		Madras	
		Controlled		Section	
		Converters" Presented		Section	
		by Dr.D.Zamrooth,			
		Assistant Professor,			
		University College of			
		Engineering,			
		Kanchipuram.			
6	04/09/2021	Guest Lecture on	II Year Students	IEEE Student	
J	UT/UJ/2U21	"Real Time	11 Teal Students	Branch-	
		applications of		Dianeii-	
L		applications of			

		Semiconductors" Presented by Dr.A.Saraswathi, Assistant Professor /EEE, & HOD/ECE, University College of Engineering, Villupuram, Tamiland u		Madras Section	
7	26/01/2022	Guest Lecture on "Sensor system for Measurement and Instrumentation" Presented by Hariharan VC, Design Engineer- Electrical, NFD Team, MEL System and services, Chennai	II Year Students	IEEE Student Branch- Madras Section	
8	25/09/2021	IEEE Event - Technical Connections	IEEE Student Members	IEEE Student Branch- Madras Section	
9	30/09/2021	Tech Talk	IEEE Student members	IEEE Student Branch- Madras Section	
10	07/10/2021	Technical Quiz & Debate	IEEE Student members	IEEE Student Branch- Madras Section	
11	14/12/2021	National Energy Conservation Day	IEEE Student members	IEEE Student Branch- Madras Section	
12	27/12/2021 to 31/12/2021	Workshop on Industrial Automation	III Year Students	IEEE Student Branch- Madras Section	
13	30/12/2021	Industrial visit on "Core industrial placement training on factory and process automation- Phase 1"	III Year Students	IEEE Student Branch- Madras Section	

### S.A.ENGINEERING COLLEGE, CHENNAI-77.

# (An Autonomous Institution, Affiliated to Anna University) DEPARTMENT OF EEE IEEE MADRAS SECTION- 2023-2024 LIST OF ACTIVITIES

SL. NO	DATE	TITLE	CHIEF GUEST /CONDUCTED BY	PARTICIPANTS	PROFESSIO NAL BODY AFFILIATI	EVENT PHOTOS
1	01/04/2024 - 12/04/2024	Value added course on PLC and SCADA	Mr.K.Jayakumar, Director of IO Logix Automation	EEE Students	IEEE Student Branch – Madras Section	
2	04/04/2024	Knowledge Knockout- Technical Quiz	III yr EEE Students	II Yr EEE Students	IEEE Student Branch – Madras Section	Trustiley, Parti Nacio, India  Trustiley, Parti Nacio, India
3	05/04/2024	Technical Quiz -Circuit theory	III yr EEE Students	II Yr EEE-A Students	IEEE Student Branch – Madras Section	
4	04/03/2024 - 11/03/2024 12/03/2024 - 19/03/2024	Value added course on Eplan Electric F8	Mr.M.Sathi Prasath, Managing Director of Dynamic CAD/CAM	III Yr EEE Students	IEEE Student Branch – Madras Section	Tiruvallur, Tamil Nadu, India 3466-739 S. Explorentro Callege Eco Book, Pairt to Main Block 2, Visrarghanspuran, Tamil Nada 600077, India Latt 30,04866- Long 60,109013*  80,04624 2120 PM GMT -05-50
5	08/03/2024	Guest Lecture on Challenges in electric vehicle eco system	Dr.K.Selvajyothi , Asso.Prof/ EEE,IIITDM,Ka nchipuram	II Yr EEE Students	IEEE Student Branch – Madras Section	
6	09/02/2024	Guest Lecture on Startup awareness	Mr.P.Hemanth kumar, Assistant operations Manager, Autom eter Railway Alliance limited, Delhi	II Yr & III Yr EEE Students	IEEE Student Branch – Madras Section	Throade Tand Nobe ball.  Selection of Selection for Face Post to Select 2 Variety Amorphism Total Nobe 00007 below Lie Discosof* Lies Nobel Selection for Cell 1950 Get No 10 Cell 1950 Get No 10 Cell 1950 Get No 10 Cell 1950
7	13/02/2024	Workshop on Thinking inside the bigger box	Dr.Chockalinga m Aravind vaithilingam, Asso.Prof ,School of	EEE Students	IEEE Student Branch – Madras Section	

			Engineering, Faculty of Innovation and Technology, Taylors University, Malaysia			
8	12/02/2024 13/02/2024	Industrial Visit to High voltage laboratory,IIT Madras	IIT Madras	EEE Students	IEEE Student Branch – Madras Section	S.A. ENGINEERING COSE  The Control of the Cost of the
9	13/02/2024 14/02/2024	Industrial Visit to Alamathi Substation	Almathi Substation	EEE Students	IEEE Student Branch – Madras Section	Tiruvallur, Tamil Nadu, India 3486-374 s A Engineering College Eee Bit Viraraghavapuran, Tamil Nadu 600077, Ind Lat 13 065204* Long 80.110928* Plus Code: 7M523486-39 12/01/24 12:25 PM GMT +05:30 500 m
10	21/02/2024	Guest Lecture on Transmission line and cable modelling using ETAP	Mr.K.Paramanan dan,Power system Engineer,power Projects, Chennai	II Yr EEE Students	IEEE Student Branch – Madras Section	S.A.
11	21/02/2024	Poster presentation of Innovations	IEEE SB	EEE Students	IEEE Student Branch – Madras Section	Tiruvallur, Tamil Nadu, India 3486-374 \$ A Engineering College Ece Block, Lat 13.06507* Long 80110722* 09/02/24 12:56 PM GMT +05:30
12	12/01/2024	National youth day- Technical Presentation	IEEE SB	EEE Students	IEEE Student Branch – Madras Section	
13	30/01/2024	Guest Lecture on Power system operation and control	Dr.P.Somasundar am, Professor, Department of EEE, Annauniversity, Chennai	III Yr, EEE Students	IEEE Student Branch – Madras Section	
14	18/12/2023 To 22/12/2023	IEEE Madras Section sponsored one week FDP on Recent Trends and	Department of EEE & CSE(AIML) in Association with	Faculty of EEE & AIML(100 Members)	IEEE Student Branch – Madras Section	Thronian land both lade  See Set 5 All presents Cuber for Not. Ped in Mail Not 2 Wavespareness Total Note 20007 India  Les (2000)  Good Care  Get May 16 US IN Cert -6550

		developments in AI for autonomous EV	IEEE student branch			
15	09/11/2023	National level technical symposium - Exuro 23	IEEE SB & EEE Department	EEE Students	IEEE Student Branch – Madras Section	
16	21/11/2023	Poster presentation of ideas -start up	IEEE SB	EEE Students	IEEE Student Branch – Madras Section	Tiruvallur, Tamil Nadu, India 3487+52P, Tamil Nadu 600077, India Lat 13.06511° Long 80.112544° 19/07/23 03:12 PM GMT +05:30
17	07/10/2023	IEEE Day ( IEEE Awareness Programme)	Mr. M.Arun, Chairman ,IEEE Madras Youth Professional, IEEE SB	II Yr & III Yr EEE Students	IEEE Student Branch – Madras Section	Philipped reasonably feel.
18	17/10/2023	Guest Lecture on Electromagneti c Theory	Dr.S.Ramareddy, Dean-Electrical science ,Rajalakshmi Engineering college,Chennai	II Yr, EEE Students	IEEE Student Branch – Madras Section	Avadi, Tamil Nadu, India 3476+X6F, Viraraghavapuram, Avadi, Tamil Nadu 600077, India Lat 13.064977* Long 80.11061*
19	18/10/2023	Guest Lecture on Challenges and opportunities in smart grid technologies	Dr.K.Vijayakum ar, Asso.Prof/IIIITD M,Kanchipuram	EEE Students	IEEE Student Branch – Madras Section	
20	28/10/2023	IEEE Xtreme	IEEE SB & EEE Department	EEE Students	IEEE Student Branch – Madras Section	Raduvetti, Tamii Nadu, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu (India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Kaduvetti, Tamii Nadu 600077, India Affis di R. Verapilurapuram, Affis di R. Ver
21	07/10/2023	IEEE Day ( IEEE Awareness Programme)	Mr. M.Arun, Chairman ,IEEE Madras Youth Professional, IEEE SB	II Yr & III Yr EEE Students	IEEE Student Branch – Madras Section	
22	11/09/2023 To 15/09/2023 15/09/2023 To 19/09/2023	Value added course on Arduino and IoT	Mr.Jayakumar,Di rector, IO Logix Automation, Chennai	II Yr & III Yr EEE Students	IEEE Student Branch – Madras Section	

23	11/09/2023 To 19/09/2023 20/09/2023 To 25/09/2023	Value added course on ETAP and PSCAD	Mr.S.Suriyakum ar, Power system Engineer of power projects,Chennai	EEE Students	IEEE Student Branch – Madras Section	S.A. Engineering College  Some of the second
24	13/09/2023 14/09/2023	Internal Hackathon 2023	IEEE SB & Eminent Professors of various departments	Students from all Disciplines	IEEE Student Branch – Madras Section	
25	26/09/2023 27/09/2023	Industrial Visit to NTPS,Attipatt u	NTPS,Attipattu	EEE Students	IEEE Student Branch – Madras Section	Tiruvallur, Tamil Nadu, India 3489-374 \$ A forjineering Cologe Fce Block, Path to Main Block 2, Viarraghavepuren, Tamil Nadu 600077, india La ta 15.0051007 Long 8811073* 18/10/23 02:05 PM GUT +05-50
26	04/08/2023	Techno Buzz- Technical Quiz	IEEE SB	EEE Students	IEEE Student Branch – Madras Section	
27	09/08/2023	Electro quiz	IEEE SB	EEE Students	IEEE Student Branch – Madras Section	Aved, Tami Nadu, India 3478-XXII, Tami Nadu, India 3478-XXII, Varangharaparan, Aved, Tami Nadu 600077, India Lat 13.064997 Long 80.106611 07/10/23 1117 AM GMT +05:30
28	16/08/2023 To 18/08/2023 21/08/2023 To 23/08/2023	Value added course on Battery management system	Mr.Aravind,Trai ning Executive of Dynamic CAD	EEE Students	IEEE Student Branch – Madras Section	Virlanghavapuran, Tamil Nadu, India. 14 Argumenta (chept cia teos, Parts Man Biot 2, Virraghasouran, Tamil Nado 1990); La ta tooticate La ta t
29	18/08/2023	Quiz Fest	IEEE SB	EEE Students	IEEE Student Branch – Madras Section	
30	21/08/2023 - 23/08/2023	Workshop on Industrial Automation	Mr.R.Theertham alai, Senior Training Coordinator, ECI systems Pvt Ltd, Chennai	EEE Students	IEEE Student Branch – Madras Section	And, Tami Neck, India A Righery Critical Submission Without Inn. Powersite And High Rt. Vitragivences, They seem to the Committee And High Rt. Vitragivences, Telephone Commit
31	24/08/2023 29/08/2023	Industrial Visit to Timer and	Timer and relay	EEE Students	IEEE Student	

		relay working industry			Branch – Madras Section	
32	19/07/2023	Project presentation	IEEE SB	EEE Students	IEEE Student Branch – Madras Section	Tiruvallur, Tamil Nadu, India Viranjavaspuran, 3486-35F, Viranghavapuran, Tamil Nadu 600077, India Long 10/11887 Long 10/11887 25/00/23 01:59 PM OMT 405:30
33	20/07/2023	Guest Lecture on the load flow analysis using ETAP	Mr.A.S.Sethura man, Executive Engineer, , Power Projects,Chennai	EEE Students	IEEE Student Branch – Madras Section	P. T. T.
34	26/07/2023	Techno Quiz	IEEE SB	EEE Students	IEEE Student Branch – Madras Section	Viraraghavapuram, Tamil Nadu, India S A Engineering College Ece Book, Path to Main Block 2, Viraraghavapuran, Tamil Nado, 600077, India Last 13.685722 Long 80.111985* 13.089/23 11-48 AM GMT +05-30