SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai-25)

Venkateswara Nagar, Panjappur, Tiruchirappalli - 620 012, Tamil Nadu.

INDEX

CRITERION: 6.1.1

The governance of the institution is reflective of and in tune with the vision and mission of the institution

2021 - 2022

S. No.	Parameter	Page No.
1.	Upgrade of centralized computer facility	1-6
2.	List of books purchased for library	7-29
3.	Two more UG programmes approved AICTE document	30-33
4.	Smart India Hackothone Event details	34-62
5.	A MoU is signed with Huawei Services (Hong Kong) Limited.	63-74

GST INVOICE CASH\CREDIT

Nexgen IT Solutions & Services W 178, Park Road 2nd Floor, Anna Nagar West Extn Chennai - 600101 044 - 43831314 / 9094676777 GSTIN/UIN: 33AAIFN3393B1ZI State Name : Tamil Nadu, Code : 33 E-Mail : venkat@nexgenitsolutions.in	Invoice No. **GST/0472/21-22**	Dated **11-Oct-2021**
	Delivery Note	Mode/Terms of Payment **Immediate**
	Supplier's Ref.	Other Reference(s) **OR-VK**
Buyer **SARANATHAN COLLEGE OF ENGG** SARANATHAN COLLEGE OF ENGINEERING VENKATESHWARA NAGAR PANJAPUR TRICHY, TAMIL NADU-620012 Mr. K. ARUNKUMAR- 8489915217 <arunkumar-csg@saranathan.ac.in GSTIN/UIN : 33AABCI6363G1ZQ State Name : Tamil Nadu, Code : 33	Buyer's Order No. **SCE/2122/ADMN/1278**	Dated **13-Sep-2021**
	Despatch Document No. **Nil**	Delivery Note Date
	Despatched through **Direct**	Destination
	Terms of Delivery	

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	**CPLCSA0224 A-Flex-3 Webex Cloud A-Flex-3**	998315	**1 nos**	16,949.15	nos	**16,949.15**
	Output Cgst 9%			*9*	%	**1,525.42**
	Output Sgst 9%			*9*	%	**1,525.42**
	Round Off					**0.01**
	Total		**1 nos**			**₹ 20,000.00**

Amount Chargeable (in words) *E. & O.E*

INR Twenty Thousand Only

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
998315	16,949.15	9%	1,525.42	9%	1,525.42	3,050.84
Total	**16,949.15**		**1,525.42**		**1,525.42**	**3,050.84**

Tax Amount (in words) : **INR Three Thousand Fifty and Eighty Four paise Only**

Company's PAN : **AAIFN3393B**

Company's Bank Details
Bank Name : **Karur Vysya Bank 2434**
A/c No. : **1154135000002434**
Branch & IFS Code: **Chennai - Anna Nagar & KVBL0001154**

Declaration
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for Nexgen IT Solutions & Services

Authorised Signatory

SUBJECT TO CHENNAI JURISDICTION

This is a Computer Generated Invoice

SARANATHAN COLLEGE OF ENGINEERING

VENKATESWARA NAGAR
PANJAPPUR, TRICHIRAPPALLI - 620 012.

Order No : SCE/2122/ADMN/1278 **Order Date : 13-09-2021**

To

NEXGEN IT SOLUTIONS AND SERVICES
#W178, 2ND FLOOR, PARK VIEW ROAD, ANNA NAGAR WEST EXTN,
CHENNAI - 600101

Sub : CISCO Webex Video Conferencing- 1000 Participants

With reference to your quotation B0247-webex meeting Dated 09.09.2021, We are placing orders for the following items.

S.No	Description	Qty	Unit Price	Amount
1	CISCO WEBEX Initial Term-12 Months | Billing Model-Prepaid Term Billing | 1 HOST | 1000 Participant | 1.2 NU Cloud Meetings - Meetings (1) (A-FLEX-NUCM-MC)	1	16949	16949.00
			Tax	3051.00
Total in round off (RUPEES IN WORDS :TWENTY THOUSAND ONLY)				**20000.00/-**

Terms & Conditions

1.Payment: 100% against Delivery.
2.Specification: As mentioned above.
3.Price : Above Mentioned Price Inclusive of all Taxes.
4.Delivery: 1 Days from the date of receipt of this P.O.

Please acknowledge receipt of this P.O and confirm delivery as scheduled.

Thanking You

Principal

Shipping To : CSG Dept.- Saranathan College of Engineering,Venkateswara Nagar,Panjappur,Trichy, Tamil Nadu, India - 620012

Contact : Mr.K.Arunkumar,Network Administrator-CSG,8489915217

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI - 12
Comparison of Online Meeting Software

Software Name\Usage	GOOGLE MEET	CISCO WEBEX	MICROSOFT ZOOM
Number .of Parallel Meetings	Unlimited	One	One
Maximum Participants	250 in the Meet, up to 10000 through live stream option (with college mail id only)	1000 participants	1000 participants
Storage	Unlimited	Limited	Limited
Cost	Free (AMC of Rs.28000/Year) - Presently in usage for conducting online regular classes for all departments.	Rs.20000/year	Rs.10974/Month

Nexgen IT Solutions and Services ,
W178, 2nt Floor, park view Road ,Anna nagar West Extn Chennai-600101
Contact us: +91-90940676777 /9841926242 / 044-43831314
e mail-venakt@nexgenitsolutions.in/www.nexgenitsolutions.in

QUOTATION

To,		Quota Ref	Date
	Saranathan College of Engineering	B0247 - webex meeting	**09-09-2021**
	Address : Trichy-madurai road Panjappur, Venkateswara Nagar, Edamalaipatti Pudur, Tamil Nadu 620012	**GST NO**	
	Kind Attention to : **Mr.K. S. Chandrasekaran.**	**33AAIFN3393B1ZI**	

Dear Sir/Madame , We are pleased to submit our quotation for the following with the Terms of Business as follows:

S.No	Product Description	PER UNIT					TOTAL UNITS	TOTAL PRICE
		Brand	Price	GST%	GST AMOUNT	Price with GST		
	OPTION 1:CISCO WEBEX MEETING Initial Term - 12.00 Months | Billing Model - Prepaid Trem Billing | 1 HOST | 1000 PARTICIPET	**CISCO**						
	CISCO WEBEX							
1	Collaboration Flex Plan	**A-FLEX**	0	18%	0	0	1	0
1.1	Collaboration Support Services - Basic Support	SVS-SPK-SUPT-BAS	0	18%	0	0	1	0
1.2	NU Cloud Meetings - Meetings (1)	A-FLEX-NUCM-MC	16949	18%	3050.82	19999.8	1	19999.82
1.3	Included VoIP (1)	A-SPK-VOIP	0	18%	0	0	1	0
1.4	Meetings Toll Dial-In Audio (1)	A-FLEX-TOLL-DIALIN	0	18%	0	0	1	0
1.5	File Storage Entitlement	A-FLEX-FILESTG-ENT	0	18%	0	0	20	0
1.6	Messaging Entitlement	A-FLEX-MSG-ENT	0	18%	0	0	1	0
1.7	Meetings Entitlement (1)	A-FLEX-MC-ENT	0	18%	0	0	1	0
1.8	Included Webex Storage for Flex	A-FLEX-WX-STG	0	18%	0	0	10	0
1.9	A-FLEX Webex Edge Audio	A-FLEX-EDGAUD-USER	0	18%	0	0	1	0
	TOTAL AMOUNT							**20,000**

Terms & Conditions

PAYMENT : 100% against delivery

VALIDITY : 2 Working Days - Price valid only

DELIVERY : 5 - 6 working days from the date of receipt of Valid P.O,

WARRANTY POLICY : As per manufacturer's warranty terms for the period

For Nexgen IT Solutions & Services

Authorised Signatory

We are sure ,you will appreciate the above and looking forwards to your valued purchase order at the earliest

PRODUCT LINE ;- ALL IT HARDWARE LIKE DESKTOP,LAPTOP, SERVER, STORAGE WORKSTATION AND GAMING PC : ERP : CLOUD SERVICE: CCTV : VAPT: MICROSOFT LICENCES : IOT : NETWORK SECURITY : AVSI : DIGITAL SIGNATE : TALLY : ADOBE : SDWAN : FIREWALL : WIFI NETWORK : P2P : STORAGE : VDI-THINCLIENT: INFRA CONSULTING : ILL : MPLS : TOLL FREE : VOICE SOLUTION :

Mobile +919094676777 - venkat@nexgenitsolutions.in

Invoice

 # CR-2020-10073

Balance Due
Rs.0.00

CloudReign Technologies LLP
Flat A, Vaagai Flats, #12 Avaiyyar Street, Nilamangai Nagar,
Adambakkam, Chennai 600088
India
GSTIN 33AAIFC4988K1ZZ
PAN AAIFC4988K

Bill To
Principal
Saranathan College of Engineering
Venkateswara Nagar,
Trichy-Madurai Main Road (NH 45 B),
Edamalaipatti Pudhur(Post), Panjappur
Thiruchirappalli
620012 Tamil Nadu

Invoice Date :	19 Aug 2020
Terms :	Due on Receipt
Due Date :	19 Aug 2020

#	Item & Description	Qty	Rate	CGST	SGST	Amount
1	G Suite AMC for 1 Year G Suite for Education Support AMC for 1 year	1.00	24,000.00	2,160.00 9%	2,160.00 9%	24,000.00

Sub Total	24,000.00
CGST (9%)	2,160.00
SGST (9%)	2,160.00
Total	**Rs.28,320.00**
Payment Made	(-) 27,840.00
Amount Withheld	(-) 480.00
Balance Due	**Rs.0.00**

Bank details for payment
CloudReign Technologies LLP
A/C Number 32808897426
State Bank of India
Tidel Park Branch
IFSC code - SBIN0004285

Terms & Conditions

Payment 100% advance

Proforma Invoice

 # PI-CR-2021-100149

CloudReign Technologies LLP
96, Cauvery Street, VGN Lakshmi Nagar Mugalivakkam Chennai
600125
India
9566224466
GSTIN 33AAIFC4988K1ZZ
PAN AAIFC4988K

Bill To
Principal
Saranathan College of Engineering
Venkateswara Nagar,
Trichy-Madurai Main Road (NH 45 B),
Edamalaipatti Pudhur(Post), Panjappur
Thiruchirappalli
620012 Tamil Nadu
,

Estimate Date : 20 Jul 2021

Expiry Date : 13 Aug 2021

Place Of Supply: Tamil Nadu (33)

#	Item & Description	HSN/SAC	Qty	Rate	CGST	SGST	Amount
1	G Suite AMC for 1 Year G Suite for Education Support AMC for 1 year for the domain saranathan.ac.in	998313	1.00	24,000.00	2,160.00 9%	2,160.00 9%	24,000.00

Sub Total	24,000.00
CGST (9%)	2,160.00
SGST (9%)	2,160.00
Total	**Rs.28,320.00**

Bank details for payment
CloudReign Technologies LLP
A/C Number 32808897426
State Bank of India
Tidel Park Branch
IFSC code - SBIN0004285

Terms & Conditions

Payment 100% advance

LIST OF BOOKS JUNE 2021 TO MAY 2022				
Sl NO	Acc No	Title	Author	Publisher
1	45543	Airport Planning and Design	Khanna S K	Nem Chand & Bros,Roorkee
2	45544	Building Materials	Duggal S K	New Age International (p) Ltd,New Delhi
3	45545	Comprehensive Design of Steel Structures	Punmia B C	Laxmi Publications (P) Ltd,New Delhi
4	45546	Disaster Management	Singhal J P	University Science Press,Bangalore
5	45547	Disaster Management	Singhal J P	University Science Press,Bangalore
6	45548	Textbook of Fluid Mechanics and Hydraulic Machines (S.I. Units)	Bansal R K	Laxmi Publications (P) Ltd,Bangalore
7	45549	Solid Waste Engineering	Worrell William A	Cengage Learning,New Delhi
8	45550	A Textbook of Strength of Materials	Bansal R K	Laxmi Publications (P) Ltd,Bangalore
9	45551	Structural Analysis I	Bhavikatti S S	Vikas Publishing House Pvt Ltd,Noida
10	45552	Structural Design & Drawing Volume 2 Concrete Structures	Krishnamurthy D	CBS Publishers & Distributors,New Delhi
11	45553	Structural Design & Drawing Volume 2 Concrete Structures	Krishnamurthy D	CBS Publishers & Distributors,New Delhi
12	45554	Structural Design & Drawing Volume 3 Steel Structures	Krisnamurthy D	CBS Publishers & Distributors,New Delhi
13	45555	Structural Design & Drawing Volume 3 Steel Structures	Krisnamurthy D	CBS Publishers & Distributors,New Delhi

14	45556	Structural Design & Drawing	Krishna Raju N	Universities Press (India) Pvt. Ltd.,,Hyderabad
15	45557	Structural Design & Drawing	Krishna Raju N	Universities Press (India) Pvt. Ltd.,,Hyderabad
16	45558	Surveying Vol I	Punmia B C	Laxmi Publications (P) Ltd,New Delhi
17	45559	Engineering and General Geology	Parbin Singh	S.K Kataria & Sons,New Delhi
18	45560	An Introduction to Geographical Information Systems	heywood Ian	Pearson,South Asia
19	45561	An Introduction to Geographical Information Systems	heywood Ian	Pearson,South Asia
20	45562	An Introduction to Geographical Information Systems	heywood Ian	Pearson,South Asia
21	45563	An Introduction to Geographical Information Systems	heywood Ian	Pearson,South Asia
22	45564	An Introduction to Geographical Information Systems	heywood Ian	Pearson,South Asia
23	45565	An Introduction to Parallel Programming	Pacheco Peter S	Elsevier Morgan Kaufmann,Amsterdam
24	45566	Concepts and Techniques of Geographic Information Systems	Pang Lo Chor	Pearson,Chennai
25	45567	Concepts and Techniques of Geographic Information Systems	Pang Lo Chor	Pearson,Chennai
26	45568	Fundamentals of Parallel Multicore Architecture	Solihin yan	CRC Press,Boca Raton
27	45569	Fundamentals of Parallel Multicore Architecture	Solihin yan	CRC Press,Boca Raton

28	45570	Fundamentals of Parallel Multicore Architecture	Solihin yan	CRC Press,Boca Raton
29	45571	Fundamentals of Parallel Multicore Architecture	Solihin yan	CRC Press,Boca Raton
30	45572	Fundamentals of Parallel Multicore Architecture	Solihin yan	CRC Press,Boca Raton
31	45573	Introduction to Geographic Information Systems	Chang Kang-Tsung	Tata McGraw Hill Publishing Company Limited,New Delhi
32	45574	Introduction to Geographic Information Systems	Chang Kang-Tsung	Tata McGraw Hill Publishing Company Limited,New Delhi
33	45575	Multicore Application Programming	Darryl Gove	Pearson Education,India
34	45576	Digital Electronics Principles and Integrated Circuits	Anil K Maini	Wiley ,New Delhi
35	45577	Digital Electronics Principles and Integrated Circuits	Anil K Maini	Wiley ,New Delhi
36	45578	Electric Energy Systems Theory	Elgerd Olle I	Tata McGraw Hill Publishing Company Limited,New Delhi
37	45579	Electronic Devices	Floyd Thomas L	Pearson Education,New Delhi
38	45580	High Voltage Engineering	Naidu M S	Tata McGraw Hill Publishing Company Limited,New Delhi
39	45581	Microprocessors and Microcontrollers	Sunil Mathur	PHI Learning Pvt Ltd,New Delhi
40	45582	Microprocessors and Microcontrollers	Sunil Mathur	PHI Learning Pvt Ltd,New Delhi
41	45583	Modern Control System Theory	Gopal M	New Age International (p) Ltd,New Delhi

42	45584	Power Plant Technology	El-Wakil N M	Tata McGraw Hill Publishing Company Limited,New Delhi
43	45585	Principles of Electromagnetics	Sadiku matthew N O	Oxford University Press,New Delhi
44	45586	Renewable Energy Sources and Emerging Technologies	Kothari D P	PHI Learning Pvt Ltd,New Delhi
45	45587	Renewable Energy Sources and Emerging Technologies	Kothari D P	PHI Learning Pvt Ltd,New Delhi
46	45588	Renewable Energy Sources and Emerging Technologies	Kothari D P	PHI Learning Pvt Ltd,New Delhi
47	45589	8051 Microcontroller and Embedded Systems: Using Assembly and C	Muhammad Ali Mazidi	Pearson Education,New Delhi
48	45590	BioMedical Instrumentation and Measurements	Cromwell Leslie	Prentice Hall of India Private Limited,New Delhi
49	45591	Digital Image Processing	Gonzalez Rafael C	Pearson Education,New Delhi
50	45592	Electronic Circuits: Analysis and Design	Neamen Donald A	Tata McGraw Hill Publishing Company Limited,New Delhi
51	45593	Doebelin's Measurement Systems	Doebelin Ernest O	Mcgraw Hill Education Pvt.Ltd.,New Delhi
52	45594	Optical Fiber Communications	Keiser Gerd	Tata McGraw Hill Publishing Company Limited,New Delhi
53	45595	Satellite Systems Engineering in an IPV6 Environment	Minoli Daniel	CRC Press,Boca Raton
54	45596	Satellite Systems Engineering in an IPV6 Environment	Minoli Daniel	CRC Press,Boca Raton
55	45597	Transducers and instrumentation	Murthy	PHI Learning Pvt Ltd,New Delhi

56	45598	Course in Electronic & Electrical Measurements and Instrumentation	Gupta J B	S.K Kataria & Sons,New Delhi
57	45599	Course in Electronic & Electrical Measurements and Instrumentation	Gupta J B	S.K Kataria & Sons,New Delhi
58	45600	Air Pollution	Rao M N	Tata McGraw Hill Publishing Company Limited,New Delhi
59	45601	Chemical Process Control, An Introduction to Theory and Practice	stephanopolos george	Pearson,New Delhi
60	45602	Data Communications and Networking	Forouzan Behrouz	Tata McGraw Hill Publishing Company Limited,New Delhi
61	45603	Digital Design	Mano Morris	Pearson Education,India
62	45604	Electronic Devices and Circuits	Salivahanan S	Tata McGraw Hill Publishing Company Limited,New Delhi
63	45605	Electronic Devices and Circuits	Bell David	Oxford University Press,New Delhi
64	45606	Electronic Instrumentation and Measurements	Kalsi H	Mcgraw Hill,Chennai
65	45607	Electronic Instrumentation and Measurements	Kalsi H	Mcgraw Hill,Chennai
66	45608	Electronic Instrumentation and Measurements	Bell David A	Oxford University Press,New Delhi
67	45609	Electronic Instrumentation and Measurements	Bell David A	Oxford University Press,New Delhi
68	45610	Handbook of Analytical Instruments	Khandpur R S	Tata McGraw Hill Publishing Company Limited,New Delhi
69	45611	Industrial Instrumentation and Control	Singh S K	Tata McGraw Hill Publishing Company Limited,New Delhi

70	45612	Industrial Instrumentation and Control	Singh S K	Tata McGraw Hill Publishing Company Limited,New Delhi
71	45613	Industrial Instrumentation and Control	Singh S K	Tata McGraw Hill Publishing Company Limited,New Delhi
72	45614	Industrial Instrumentation and Control	Singh S K	Tata McGraw Hill Publishing Company Limited,New Delhi
73	45615	Industrial Instrumentation and Control	Singh S K	Tata McGraw Hill Publishing Company Limited,New Delhi
74	45616	Industrial Instrumentation	Eckman Donald P	CBS Publishers & Distributors,New Delhi
75	45617	Industrial Instrumentation	Eckman Donald P	CBS Publishers & Distributors,New Delhi
76	45618	Optoelectronics	Wilson John	Prentice Hall of India,Chennai
77	45619	Optoelectronics	Wilson John	Prentice Hall of India,Chennai
78	45620	Modern Electronic Instrumentation and Measurement Techniques	Helfrick Albert D	Pearson,Chennai
79	45621	Optical Fiber Communications - Principles & Practices	Senior John M	Prentice Hall of India Private Limited,New Delhi
80	45622	Process Control	Krishnawamy K	New Age International (p) Ltd,New Delhi
81	45623	Process Control	Krishnawamy K	New Age International (p) Ltd,New Delhi
82	45624	Process Dynamics and Control	Seborg Dale	Wiley ,New Delhi
83	45625	Process Dynamics and Control	Seborg Dale	Wiley ,New Delhi

84	45626	An Introduction to Geographical Information Systems	heywood Ian	Pearson,South Asia
85	45627	An Introduction to Geographical Information Systems	heywood Ian	Pearson,South Asia
86	45628	Human Computer Interaction	Dix Alan	Pearson India Education Services Pvt.Ltd.,,Noida
87	45629	Human Computer Interaction	Dix Alan	Pearson India Education Services Pvt.Ltd.,,Noida
88	45630	Introduction to Geographic Information Systems	Chang Kang-Tsung	Tata McGraw Hill Publishing Company Limited,New Delhi
89	45631	Introduction to Geographic Information Systems	Chang Kang-Tsung	Tata McGraw Hill Publishing Company Limited,New Delhi
90	45632	Software Project Management	Hughes Bob	Tata McGraw Hill Publishing Company Limited,New Delhi
91	45633	Software Project Management	Hughes Bob	Tata McGraw Hill Publishing Company Limited,New Delhi
92	45634	Additive Manufacturing Applications and Innovations	Rubinder Singh	CRC Press,Boca Raton
93	45635	Handbook of Iot and Big Data	Vijender Kumar Solanki	CRC Press,Boca Raton
94	45636	Digital Manufacturing and Assembly Systems in Industry 4.0	Kaushik Kumar	CRC Press,Boca Raton
95	45637	Hospital Administration and Human Resource Management	Sharmaa D K	PHI Learning Pvt Ltd,New Delhi
96	45638	Shared Memory Application Programming, Concepts and Strategies in Multicore	Victor Alessandrini	Eleseiver,India
97	45639	Shared Memory Application Programming, Concepts and Strategies in Multicore	Victor Alessandrini	Eleseiver,India

98	45640	Shared Memory Application Programming, Concepts and Strategies in Multicore	Victor Alessandrini	Eleseiver,India
99	45641	Shared Memory Application Programming, Concepts and Strategies in Multicore	Victor Alessandrini	Eleseiver,India
100	45642	Practical Industrial Data Networks, Design Installation and Troubleshooting	Mackay Steve	Elsevier Newnes,Amsterdam
101	45643	Advanced Machining Processes, Innovative Modelling Techniques	Markopoulos Angelos P	CRC Press,Boca Raton
102	45644	GNSS Global Navigation satellite	Wellenhof Hofmann	SpringerWien ,New York
103	45653	English for Engineers and Technologists Volume I	Department of English Anna University	Orient Black Swan,Hyderabad
104	45654	English for Engineers and Technologists Volume I	Department of English Anna University	Orient Black Swan,Hyderabad
105	45655	English for Engineers and Technologists Volume I	Department of English Anna University	Orient Black Swan,Hyderabad
106	45656	English for Engineers and Technologists Volume I	Department of English Anna University	Orient Black Swan,Hyderabad
107	45657	English for Engineers and Technologists Volume I	Department of English Anna University	Orient Black Swan,Hyderabad
108	45658	Advanced Engineering Mathematics	Kreyszig Erwin	John Wiley & Sons,Singapore
109	45659	Advanced Engineering Mathematics	Kreyszig Erwin	John Wiley & Sons,Singapore
110	45660	Advanced Engineering Mathematics	Kreyszig Erwin	John Wiley & Sons,Singapore
111	45661	Advanced Engineering Mathematics	Kreyszig Erwin	John Wiley & Sons,Singapore

112	45662	Advanced Engineering Mathematics	Kreyszig Erwin	John Wiley & Sons,Singapore
113	45663	Higher Engineering Mathematics	Grewal B S	Khanna Publishers,New Delhi
114	45664	Higher Engineering Mathematics	Grewal B S	Khanna Publishers,New Delhi
115	45665	Higher Engineering Mathematics	Grewal B S	Khanna Publishers,New Delhi
116	45666	Higher Engineering Mathematics	Grewal B S	Khanna Publishers,New Delhi
117	45667	Higher Engineering Mathematics	Grewal B S	Khanna Publishers,New Delhi
118	45668	A Textbook of Engineering Chemistry	Dara S S	S.Chand & Company Ltd,New Delhi
119	45669	A Textbook of Engineering Chemistry	Dara S S	S.Chand & Company Ltd,New Delhi
120	45670	A Textbook of Engineering Chemistry	Dara S S	S.Chand & Company Ltd,New Delhi
121	45671	A Textbook of Engineering Chemistry	Dara S S	S.Chand & Company Ltd,New Delhi
122	45672	A Textbook of Engineering Chemistry	Dara S S	S.Chand & Company Ltd,New Delhi
123	45673	Think Python	Downey Allen B	Shroff Publishers & Distributors Pvt Ltd,Mumbai
124	45674	Think Python	Downey Allen B	Shroff Publishers & Distributors Pvt Ltd,Mumbai
125	45675	Think Python	Downey Allen B	Shroff Publishers & Distributors Pvt Ltd,Mumbai

126	45676	Think Python	Downey Allen B	Shroff Publishers & Distributors Pvt Ltd,Mumbai
127	45677	Think Python	Downey Allen B	Shroff Publishers & Distributors Pvt Ltd,Mumbai
128	45678	Think Python	Downey Allen B	Shroff Publishers & Distributors Pvt Ltd,Mumbai
129	45679	Think Python	Downey Allen B	Shroff Publishers & Distributors Pvt Ltd,Mumbai
130	45680	Think Python	Downey Allen B	Shroff Publishers & Distributors Pvt Ltd,Mumbai
131	45681	Think Python	Downey Allen B	Shroff Publishers & Distributors Pvt Ltd,Mumbai
132	45682	Think Python	Downey Allen B	Shroff Publishers & Distributors Pvt Ltd,Mumbai
133	45683	Calculus : Early Transcendental With Course Mate : 7th Edition	Stewart James	CENGAGE Learning,New Delhi
134	45684	Calculus : Early Transcendental With Course Mate : 7th Edition	Stewart James	CENGAGE Learning,New Delhi
135	45685	Calculus : Early Transcendental With Course Mate : 7th Edition	Stewart James	CENGAGE Learning,New Delhi
136	45686	Calculus : Early Transcendental With Course Mate : 7th Edition	Stewart James	CENGAGE Learning,New Delhi
137	45687	Calculus : Early Transcendental With Course Mate : 7th Edition	Stewart James	CENGAGE Learning,New Delhi
138	45715	An Introduction to Mechanics	Kleppner Daniel	Cambridge University Press,Cambridge
139	45716	An Introduction to Mechanics	Kleppner Daniel	Cambridge University Press,Cambridge

140	45717	An Introduction to Mechanics	Kleppner Daniel	Cambridge University Press,Cambridge
141	45718	Engineering Chemistry	Jain P C	Dhanpat Rai & Co.(p) Ltd,New Delhi
142	45719	Programming in C	Reema Thareja	Oxford University Press,New Delhi
143	45720	Programming in C	Reema Thareja	Oxford University Press,New Delhi
144	45721	Programming in C	Reema Thareja	Oxford University Press,New Delhi
145	45722	Programming in C	Reema Thareja	Oxford University Press,New Delhi
146	45723	Programming in C	Reema Thareja	Oxford University Press,New Delhi
147	45724	Programming in C	Reema Thareja	Oxford University Press,New Delhi
148	45725	Programming in C	Reema Thareja	Oxford University Press,New Delhi
149	45726	Programming in C	Reema Thareja	Oxford University Press,New Delhi
150	45727	Programming in C	Reema Thareja	Oxford University Press,New Delhi
151	45728	Programming in C	Reema Thareja	Oxford University Press,New Delhi
152	45729	Programming in C	Reema Thareja	Oxford University Press,New Delhi
153	45730	Programming in C	Reema Thareja	Oxford University Press,New Delhi

154	45731	Programming in C	Reema Thareja	Oxford University Press,New Delhi
155	45732	Let Us C	Yashavant Kanetkar	BPB Publications,New Delhi
156	45733	Let Us C	Yashavant Kanetkar	BPB Publications,New Delhi
157	45734	Let Us C	Yashavant Kanetkar	BPB Publications,New Delhi
158	45735	Let Us C	Yashavant Kanetkar	BPB Publications,New Delhi
159	45736	Let Us C	Yashavant Kanetkar	BPB Publications,New Delhi
160	45737	Let Us C	Yashavant Kanetkar	BPB Publications,New Delhi
161	45738	Let Us C	Yashavant Kanetkar	BPB Publications,New Delhi
162	45739	Let Us C	Yashavant Kanetkar	BPB Publications,New Delhi
163	45740	Let Us C	Yashavant Kanetkar	BPB Publications,New Delhi
164	45741	Let Us C	Yashavant Kanetkar	BPB Publications,New Delhi
165	45742	Data structures and Algorithms in Python	Goodrich Michael T	WILEY,Bombay
166	45743	Data structures and Algorithms in Python	Goodrich Michael T	WILEY,Bombay
167	45744	Data structures and Algorithms in Python	Goodrich Michael T	WILEY,Bombay

168	45745	Data structures and Algorithms in Python	Goodrich Michael T	WILEY,Bombay
169	45746	Data structures and Algorithms in Python	Goodrich Michael T	WILEY,Bombay
170	45747	Modern Spectral Estimation: Theory and Application	Kay Steven M	Pearson,Chennai
171	45748	Wireless Communications	Molisch Andreas F	Wiley India Pvt Ltd,New Delhi
172	45749	Wireless Communication	Upena Dalal	Oxford University Press,New Delhi
173	45750	Business Research Methods	Cooper Donald	Tata McGraw Hill Publishing Company Limited,New Delhi
174	45751	Business Research Methods	Schindler Pamela S	Mcgraw Hill,New Delhi
175	45752	Internet of Things Projects with ESP32	Agus Kurniawan	Packet,Mumbai
176	45753	Internet of Things Projects with ESP32	Agus Kurniawan	Packet,Mumbai
177	45754	Internet of Things Projects with ESP32	Agus Kurniawan	Packet,Mumbai
178	45755	Internet of Things Projects with ESP32	Agus Kurniawan	Packet,Mumbai
179	45756	Electric and Hybrid Vehicles Design Fundamentals	Iqbal Hussain	CRC Press,Boca Raton
180	45757	Electric and Hybrid Vehicles Design Fundamentals	Iqbal Hussain	CRC Press,Boca Raton
181	45758	Special Electrical Machines	Janardanan E G	PHI Learning Pvt Ltd,New Delhi

182	45759	Special Electrical Machines	Janardanan E G	PHI Learning Pvt Ltd,New Delhi
183	45760	Principles of Power System	Mehta V K	S.Chand & Company Ltd,New Delhi
184	45761	Electrical Circuit Analysis	Mahadevan K	PHI Learning Pvt Ltd,New Delhi
185	45762	Electrical Machines, Drives and Power Systems	Wildi Theodore	Pearson,Delhi
186	45763	Embedded Systems SoC, IoT, AI and Real Time Systems	Raj Kamal	Mcgraw Hill Education Pvt.Ltd.,New Delhi
187	45764	Power System Analysis, A Dynamic Perspective	Shubhanga K N	Pearson Education Asia,Mumbai
188	45765	Intellectual Property, The Law of Trademarks, Copyrights Patents and Trade Secrets	Bouchoux Deborach E	Cengage Learning,New Delhi
189	45766	Electrical Machines, Drives and Power Systems	Wildi Theodore	Pearson,Delhi
190	45767	Operational Amplifiers and Linear Ics	Bell David A	Prentice Hall of India Private Limited,New Delhi
191	45768	Linear Integrated Circuits	Roy Choudhery	New Age International (p) Ltd,New Delhi
192	45769	Control Systems Engineering	Nagrath I J	New Age International (p) Ltd,New Delhi
193	45770	Digital Control and State Variable Methods	Gopal M	Tata McGraw Hill Publishing Company Limited,New Delhi
194	45771	Modern Control Engineering	Katsuhiko Ogata	Pearson Education,New Delhi
195	45772	Programmable Logic Controllers	Petruzella Frank D	Tata McGraw Hill Publishing Company Limited,New Delhi

196	45773	Distributed Computer Control for Industrial Automation	Popovic Dobrivoje	CRC Press,Boca Raton
197	45774	Foundations of MEMS	Liu Charg	Pearson Education,New Delhi
198	45775	Fundamentals of Neural Networks: Architectures, Algorithms & Applications	Fausett Laurene	Pearson Education,New Delhi
199	45776	Principles of Soft Computing	Sivanandam S N	Wiley Dream Tech India Pvt Ltd,Singapore
200	45777	Building Construction	Varghese P C	Srikrishna Publications,Chennai
201	45778	Building Construction	Varghese P C	Srikrishna Publications,Chennai
202	45779	Concrete Technology	Santhakumar A R	Oxford University Press,New Delhi
203	45780	Concrete Technology	Santhakumar A R	Oxford University Press,New Delhi
204	45781	Concrete Technology	Santhakumar A R	Oxford University Press,New Delhi
205	45782	Concrete Technology	Santhakumar A R	Oxford University Press,New Delhi
206	45783	Structural Analysis Vol II	Vaidyanathan R	Laxmi Publications (P) Ltd,New Delhi
207	45784	Irrigation Engineering and Hydraulic Structures	Santhosh Kumar Garg	Khanna Publishers,New Delhi
208	45785	Environmental Engineering II, Wastewater Engineering (Including Air Pollution)	Punmia B C	Laxmi Publications (P) Ltd,Bangalore
209	45786	Maintenance Repair & Rehabilitation & Minor Works of Buildings	Varghese P C	PHI Learning Pvt Ltd,New Delhi

210	45787	C Programming Language	Kernighan Brain W	Pearson,Chennai
211	45788	Let Us C	Yashavant Kanetkar	BPB Publications,New Delhi
212	45789	Let Us C	Yashavant Kanetkar	BPB Publications,New Delhi
213	45790	Let Us C	Yashavant Kanetkar	BPB Publications,New Delhi
214	45791	Let Us C	Yashavant Kanetkar	BPB Publications,New Delhi
215	45792	Let Us C	Yashavant Kanetkar	BPB Publications,New Delhi
216	45793	Programming in C	Dey Pradip	Oxford,New Delhi
217	45794	Programming in C	Dey Pradip	Oxford,New Delhi
218	45795	Programming in C	Dey Pradip	Oxford,New Delhi
219	45796	Programming in C	Dey Pradip	Oxford,New Delhi
220	45797	Programming in C	Dey Pradip	Oxford,New Delhi
221	45798	C How to Program with Introduction to C++	Deitel paul	Pearson India Education Services Pvt.Ltd.,,Noida
222	45799	C How to Program with Introduction to C++	Deitel paul	Pearson India Education Services Pvt.Ltd.,,Noida
223	45800	C How to Program with Introduction to C++	Deitel paul	Pearson India Education Services Pvt.Ltd.,,Noida

224	45801	C How to Program with Introduction to C++	Deitel paul	Pearson India Education Services Pvt.Ltd.,,Noida
225	45802	C How to Program with Introduction to C++	Deitel paul	Pearson India Education Services Pvt.Ltd.,,Noida
226	45803	Introduction to the Design and Analysis of Algorithms	Levitin Anany	Pearson Education,New Delhi
227	45804	Introduction to the Design and Analysis of Algorithms	Levitin Anany	Pearson Education,New Delhi
228	45805	Introduction to the Design and Analysis of Algorithms	Levitin Anany	Pearson Education,New Delhi
229	45806	Introduction to the Design and Analysis of Algorithms	Levitin Anany	Pearson Education,New Delhi
230	45807	Introduction to the Design and Analysis of Algorithms	Levitin Anany	Pearson Education,New Delhi
231	45808	Building E Commerce Solutions with WooCommerce	Ravensbergen Robbert	Packet,Mumbai
232	45809	Building E Commerce Solutions with WooCommerce	Ravensbergen Robbert	Packet,Mumbai
233	45810	Building E Commerce Solutions with WooCommerce	Ravensbergen Robbert	Packet,Mumbai
234	45811	Numerical Methods for Engineers	Gupta S K	New Age International (p) Ltd,New Delhi
235	45812	Numerical Methods for Engineers	Gupta S K	New Age International (p) Ltd,New Delhi
236	45813	Numerical Methods for Engineers	Gupta S K	New Age International (p) Ltd,New Delhi
237	45814	Introductory Methods of Numerical Analysis	Sastry S S	Prentice Hall of India Private Limited,New Delhi

238	45815	Introductory Methods of Numerical Analysis	Sastry S S	Prentice Hall of India Private Limited,New Delhi
239	45816	Numerical Methods for Engineering and Science	Guha Saumyen	Oxford University Press,New Delhi
240	45817	Heat Transfer	Ghoshadastidar P S	Oxford University Press,New Delhi
241	45818	Heat Transfer (In SI Units)	Holman J P	Mcgraw Hill Education Pvt.Ltd.,New Delhi
242	45819	Incroperas Principles of Heat and Mass Transfer	Incropera Frank P	Wiley ,New Delhi
243	45820	Heat and Mass Transfer	Nag P K	Tata McGraw Hill Publishing Company Limited,New Delhi
244	45821	Fundamentals of Aerodynamics	Anderson John D	Irwin McGraw Hill,Singapore
245	45822	Textbook of Fluid Mechanics and Hydraulic Machines (S.I. Units)	Bansal R K	Laxmi Publications (P) Ltd,Bangalore
246	45823	Engineering Fluid Mechanics	Kumar K L	S.Chand & Company Ltd,New Delhi
247	45824	Fluid Mechanics SI Version	Munson Bruce R	Wiley ,New Delhi
248	45825	Boundary Layer Theory	Schlichting hermann	Mcgraw Hill Education Pvt.Ltd.,New Delhi
249	45826	Boundary Layer Theory	Schlichting hermann	Mcgraw Hill Education Pvt.Ltd.,New Delhi
250	45827	Mechanics of Fluids	Irving H Shames	Mcgraw Hill Education Pvt.Ltd.,New Delhi
251	45828	Mechanics of Fluids	Irving H Shames	Mcgraw Hill Education Pvt.Ltd.,New Delhi

252	45829	Fluid Mechanics	Streeter Victor, L	Irwin McGraw Hill,Singapore
253	45830	Fluid Mechanics	Streeter Victor, L	Irwin McGraw Hill,Singapore
254	45831	Business Research Methods	Schindler Pamela S	Mcgraw Hill,New Delhi
255	45832	Solar Energy	Sukhatme S P	McGraw Hill Education (India) Private Limited,Chennai
256	45833	Renewable Energy Power for a Sustainable Future	Peake Stephen	Oxford University Press,New Delhi
257	45834	Internal Combustion Engine Fundamentals	Heywood John, B	Irwin McGraw Hill,Singapore
258	45835	Automobile Engineering Vol I (Automobile Chassis and Body (Excluding Engine) Plus	Kirpal Singh	Standard Publishers Distributors,Delhi
259	45836	Internal Combustion Engines	Ganesan V	Tata McGraw Hill Publishing Company Limited,New Delhi
260	45837	Internal Combustion Engine	Pulkrabek Willard W	Pearson
261	45838	Data Structures and Algorithmic Thinking with Python	Narasimha Karumanchi	CareerMonk Publications ,Manipal
262	45839	Frontiers in Antennas Next Generation Design & Engineering	Gross Frank B	Mcgraw Hill,New York
263	45840	Principles of Mobile Communication	Stuber Gordon L	Springer,London
264	45841	Patent Searching Tools & Techniques	Hunt David	John Wiley & Sons,New Jersey
265	45842	Digital Electronics	soumitra Kumar Mandal	Mcgraw Hill,Chennai

266	45843	Jones` Instrument Technology, Vol.2: Measurement of Temperature and Chemical	Noltingk B E	Elsevier-Butterworth Heinemann,Oxford
267	45844	Modern Control Engineering	Mohandas K P	Sanguine Technical Publishers,Bangalore
268	45845	Numerical Solutions of Partial Differential equations : Finite Difference Methods	Smith G D	Oxford University Press,Oxford
269	45846	Heat and Mass Transfer	Yadav R	Central Publishing House ,Allahabad
270	45847	Aerodynamics for Engineering Students	Houghton E L	Elsevier
271	45848	Big Data Analytics	Loshin David	Elsevier (academic Press),Amsterdam
272	45849	Data Science and Big Data Analytics, Discovering Analyzing Visualizing and	EMC education Services	Wiley,New Delhi
273	45850	Analytics in a Big Data World	Baesens Bart	Wiley ,New Delhi
274	45851	The Control of Boilers	Dile;pw Sam	ISA Press,USA
275	45852	Thermochemical Processing of Biomass	Butterworths	Butterworth Heinmann,USA
276	45853	Auto Fuel and Emission Control Systems, Technology	Duffy James	The Goodheart Willcox Company Inc ,USA
277	2006215	Bank Management and Financial Services	Rose Peter S	Mcgraw Hill Education Pvt.Ltd.,New Delhi
278	2006216	Consumer Behaviour	Schiffman Leon G	Pearson Education,India
279	2006217	Customer Relationship Management A Strategic Management	Shainesh G	Macmillan Company of India Ltd,Chennai

280	2006218	Economics	lipsey	Oxfsord
281	2006219	Financial Management	Eugene F Brigham Michael C	Cengage Learning,UK
282	2006220	Financial Management	Eugene F Brigham Michael C	Cengage Learning,UK
283	2006221	Financial Services	Khan M Y	Tata McGraw Hill Publishing Company Limited,New Delhi
284	2006222	International Business	Hill Charles W L	Tata McGraw Hill Publishing Company Limited,New Delhi
285	2006223	International Business	Rakesh Mohan Joshi	Oxford University Press,New Delhi
286	2006224	International Business: Environments & Operations	Daniels K John D	Pearson Education Asia,New Jersey
287	2006225	Investment Analysis & Portfolio Management	Chandra Prasanna	Tata McGraw Hill Publishing Company Limited,New Delhi
288	2006226	Legal Aspects of Business	Akhileshwar Pathak	Tata McGraw Hill Publishing Company Limited,New Delhi
289	2006227	Logistics Management	Sople V V	Pearson Education,New Delhi
290	2006228	Management of Banking and Financial Services	Padmalatha Suresh	Pearson Education,Chennai
291	2006229	Organization Development and Change	Cummings Thomas	Cengage Learning,New Delhi
292	2006230	Security Analysis and Portfolio Management	Kevin S	Prentice Hall of India Private Limited,New Delhi
293	2006231	Security Analysis and Portfolio Management	Pandian Punithavathy	Vikas Publishing House Pvt Ltd,Noida

294	2006232	Statistics for Management	Levin Richard	Pearson,Mumabi
295	2006233	Strategic Brand Management Building Measuring and Managing Brand Equity	Lane Keller Kevin	Pearson Education,New Delhi
296	2006234	Strategic Brand Management Building Measuring and Managing Brand Equity	Lane Keller Kevin	Pearson Education,New Delhi
297	2006235	Strategic Management	Azhar Kazmi	Mcgraw Hill,Chennai
298	2006236	Supply Chain Management	Bowersox Donald	McGraw Hill Education (India) Private Limited,Chennai
299	2006237	Supply Chain Management	Bowersox Donald	McGraw Hill Education (India) Private Limited,Chennai
300	2006238	Supply Chain Management, Strategy, Planning and Operation	Sunil Chopra	Pearson Education Asia,Mumbai
301	2006239	Supply Chain Management Text and Cases	Janat Shah	Pearson Education Asia,Mumbai
302	2006240	Supply Chain Management Text and Cases	Janat Shah	Pearson Education Asia,Mumbai
303	2006241	Total Quality Management	Besterfield Dale H	Pearson Education,New Delhi
304	2006242	Business Analytics, Principles , Concepts, and Applications with SAS	Schniederjans Mare J	Pearson Education Asia,Mumbai
305	2006243	Business Analytics Methods, Models and Decisions	Evans James R	Pearson,Chennai
306	2006244	Business Analytics Methods, Models and Decisions	Evans James R	Pearson,Chennai
307	2006245	Business Analytics Methods, Models and Decisions	Evans James R	Pearson,Chennai

308	2006246	Business Analytics Methods, Models and Decisions	Evans James R	Pearson,Chennai
309	2006247	Business Analytics Methods, Models and Decisions	Evans James R	Pearson,Chennai
310	2006248	Business Analytics Methods, Models and Decisions	Evans James R	Pearson,Chennai
311	2006249	Business Analytics Methods, Models and Decisions	Evans James R	Pearson,Chennai
312	2006250	Business Analytics Data analysis and Decision Making	Albright Christian s	Cengage Learning,Australia
313	2006251	Business Analytics Data analysis and Decision Making	Albright Christian s	Cengage Learning,Australia
314	2006252	Business Analytics Data analysis and Decision Making	Albright Christian s	Cengage Learning,Australia
315	2006253	Business Analytics Data analysis and Decision Making	Albright Christian s	Cengage Learning,Australia
316	2006254	Business Analytics Data analysis and Decision Making	Albright Christian s	Cengage Learning,Australia

All India Council for Technical Education

(A Statutory body under Ministry of Education, Govt. of India)

Nelson Mandela Marg,Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

APPROVAL PROCESS 2021-22 Extension of Approval (EoA) - Corrigendum

F.No. Southern/1-9318952695/2021/EOA/ Corrigendum-1 Date:04-Aug-2021

To,

The Principal Secretary
(Higher Education) Govt. of Tamil Nadu,
N. K. M. Bld. 6th Floor Secretariat,
Chennai-600009

Sub: Extension of Approval for the Academic Year 2021-22

Ref: Application of the Institution for Extension of approval for the Academic Year 2021-22

EOA Issued on	F.No. Southern/1-9318952695/2021/EOA	10-Jul-2021
Corrigendum 1	F.No. Southern/1-9318952695/2021/EOA /Corrigendum-1	04-Aug-2021

Ref: Application of the Institution for Extension of Approval for the Academic Year 2021-22

Sir/Madam,
In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education) (1st Amendment) Regulations, 2021 notified on 24th February 2021 and other notifications as applicable and published from time to time, I am directed to convey the approval to

Permanent Id	1-4190371	**Application Id**	1-9318952695
Name of the Institution	SARANATHAN COLLEGE OF ENGINEERING	**Name of the Society/Trust**	SARANATHAN ACADEMY OF HIGHER EDUCATION
Institution Address	VENKATESWARA NAGAR EDAMALAIPATTIPUDUR POST PANJAPPUR VILLAGE SRIRANGAM TALUK, TIRUCHIRAPALLI, TIRUCHIRAPPALLI, Tamil Nadu, 620012	**Society/Trust Address**	VENKATESWARA NAGAR, EDAMALAIPATTI PUDUR (POST), SRIRANGAM (TALUK),PANJAPPUR,TIRUCHIRAPPALLI,Tamil Nadu,620012
Institution Type	Private-Self Financing	**Region**	Southern

To conduct following Programs / Courses with the Intake indicated below for the Academic Year 2021-22

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2020-21	Intake Approved for 2021-22	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	Anna University, Chennai	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	Anna University, Chennai	120	120	NA	NA

ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	Anna University, Chennai	120	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	INFORMATION TECHNOLOGY	Anna University, Chennai	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	INSTRUMENTATION AND CONTROL ENGINEERING	Anna University, Chennai	60	30	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	Anna University, Chennai	120	60	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	COMMUNICATION SYSTEMS	Anna University, Chennai	18	6	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	POWER ELECTRONICS AND DRIVES	Anna University, Chennai	18	6	NA	NA
MANAGEMENT	POST GRADUATE	MBA	Anna University, Chennai	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	THERMAL ENGINEERING	Anna University, Chennai	9	6	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	CIVIL ENGINEERING	Anna University, Chennai	60	30	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	Anna University, Chennai	18	6	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Anna University, Chennai	0	60##	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND BUSINESS SYSTEMS	Anna University, Chennai	0	60##	NA	NA

Approved New Course(s)

It is mandatory to comply with all the essential requirements as given in APH 2021-22 (Appendix 6)
The Institution/ University is having the following deficiencies as per the online application submitted to AICTE (self-disclosure based) and the same shall be complied within Two years from the date of issue of this EoA.

Deficiencies* Noted (based on Self Disclosure)

***Please refer Deficiency Report for details

Important Instructions

1. **Corrigendum for-** 1. Change in Course Name
2. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages of SC/ ST/ OBC/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years.
3. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time now amalgamated as total intake shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2021-22 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook.
4. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Complaint Committee (ICC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as per the provisions made in Approval Process Handbook and AICTE Regulation notified from time to time.
5. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Prof.Rajive Kumar
Member Secretary, AICTE

Copy** to:

1. **The Director of Technical Education**, Tamil Nadu**

2. **The Registrar**,**
   Anna University, Chennai

3. **The Principal / Director,**
   SARANATHAN COLLEGE OF ENGINEERING
   Venkateswara Nagar
   Edamalaipattipudur Post
   Panjappur Village
   Srirangam Taluk,
   Tiruchirapalli,Tiruchirappalli,
   Tamil Nadu,620012

4. **The Secretary / Chairman,**
   VENKATESWARA NAGAR, EDAMALAIPATTI PUDUR (POST), SRIRANGAM (TALUK)
   PANJAPPUR,TIRUCHIRAPPALLI
   Tamil Nadu,620012

5. **The Regional Officer,**
All India Council for Technical Education
Shastri Bhawan 26, Haddows Road
Chennai - 600 006, Tamil Nadu

6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at http://www.aicte-india.org/

****** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

This is a computer generated Statement. No signature Required

Date: 09/03/2022

Sub: Smart India Hackathon 2022 – Nomination

I am pleased to nominate the below team from our college to participate in Smart India Hackathon 2022. AICTE Application No/ UGC Registration No for our college is 1-3516228665.

Team: BITTY CODERS

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	S.KEERTHANA	F	kee.170402@gmail.com	8524800534
Team Member	R.AARTHIKHA	F	aarthiesther03@gmail.com	7339142178
Team Member	M.NISHA	F	nishamariappan2001@gmail.com	6369292390
Team Member	A.ARSAH	F	2002arsha@gmail.com	7598137618
Team Member	K.KIRUTHIKA	F	kirthikrish2406@gmail.com	8870080466
Team Member	J.SINDHUJA	F	sindhuma1394@gmail.com	6383146258

Sincerely,

Dr.D.Valavan
The Principal

SARANATHAN COLLEGE OF ENGINEERING TRICHY 620 012.

PRINCIPAL
Saranathan College of Engineering
TRICHY - 12.

Date: 09/March/2022

Sub: Smart India Hackathon 2022 – Nomination

I am pleased to nominate the below team from our college to participate in Smart India Hackathon 2022. AICTE Application No/ UGC Registration No for our college is 1-3516228665.

Team : Cyber Cychedelic

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	Manoj Bhavvan. B	M	manojbhavvan124@gmail.com	63823 88894
Team Member	Jaswanth. R	M	jaswanthr49839@gmail.com	96293 70191
Team Member	Gurupramodh. R	M	Gurupramodh007@gmail.com	98947 85335
Team Member	Harish. R	M	harishravichandra8122@gmail.com	97915 62864
Team Member	Bhavya Srii. A	F	abhavyaa2k@gmail.com	90254 92727
Team Member	Jayajanani. S	F	sjanani2703@gmail.com	63825 32779

Sincerely,

Dr.D.Valavan
Principal

PRINCIPAL
Saranathan College of Engineering
Trichy - 12.

SARANATHAN COLLEGE OF ENGINEERING TRICHY 620 012.

Date: 09/March/2022

Sub: Smart India Hackathon 2022 – Nomination

I am pleased to nominate the below team from our college to participate in Smart India Hackathon 2022. AICTE Application No/ UGC Registration No for our college is 1-3516228665.

Team: STAR TECHIES

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	Prajeeth Chander R	M	prajeeth26800@gmail.com	+917449162958
Team Member	Rahul A	M	anandkarahul15@gmail.com	+919751589791
Team Member	Rahul S	M	rahulsenthil25@gmail.com	+918883376213
Team Member	Albert Raj A	M	albertraj5141@gmail.com	+919751418373
Team Member	Akash T	M	tamilsp2909@gmail.com	+919629620853
Team Member	Subiksha K	F	subikshak30@gmail.com	+919944541708

Sincerely,

Dr.D.Valavan
The Principal

PRINCIPAL
Saranathan College of Engineering
TRICHY - 12.

SARANATHAN COLLEGE OF ENGINEERING TRICHY 620 012.

Date: 09/March/2022

Sub: Smart India Hackathon 2022 – Nomination

I am pleased to nominate the below team from our college to participate in Smart India Hackathon 2022. AICTE Application No/ UGC Registration No for our college is 1-3516228665.

Team : THUNDRA

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	AMIRTHALAKSHMI K	F	eee223007@saranathan.ac.in	6380516237
Team Member	CAROLIN MARY X	F	xcarolinmary25@gmail.com	8248882144
Team Member	DEVADHARSHINI S	F	dharshini8052@gmail.com	6374169993
Team Member	LAKSHMI S	F	lakshmisekarshanthi@gmail.com	8610284874
Team Member	HARINI KB	F	kbharini2001@gmail.com	6385596276
Team Member	HARISHINI S	F	s.harishini2701@gmail.com	9500575270

Sincerely,

Dr.D.Valavan
Principal

PRINCIPAL
Saranathan College of Engineering

Date: 09/March/2022

Sub: Smart India Hackathon 2022 – Nomination

I am pleased to nominate the below team from our college to participate in Smart India Hackathon 2022. AICTE Application No/ UGC Registration No for our college is 1-3516228665.

Team: SMART HACKIES

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	SRINIVASAN.M	M	srinivasanmahalingam10@gmail.com	9360434504
Team Member	YASHIKA.K	F	Yashikakumar2030@gmail.com	9361488336
Team Member	SHIVANI.R	F	shivani.ravindran2812@gmail.com	6385687301
Team Member	SWATHY.S.M	F	swathydeepi542@gmail.com	8754760116
Team Member	RAHUL.K	M	Rahulvirk19@gmail.com	9385866518
Team Member	SIVA SOORIYA.M	M	sivasooriyatvr@gmail.com	8681081973

Sincerely,

Dr.D.Valavan
Principal

PRINCIPAL
Saranathan College of Engineering
TRICHY-620 012.

SARANATHAN COLLEGE OF ENGINEERING TRICHY 620 012.

Date: 09/March/2022

Sub: Smart India Hackathon 2022 – Nomination

I am pleased to nominate the below team from our college to participate in Smart India Hackathon 2022. AICTE Application No/ UGC Registration No for our college is 1-3516228665.

Team : Treasure Techerz

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	K.Dhanusha	F	dhanushaprathiksha@gmail.com	6381094550
Team Member	S.Priyadharshini	F	priyamoorthy1327@gmail.com	9677339077
Team Member	N.Sheikha Naseema	F	sheikhanaseema786@gmail.com	6381680052
Team Member	N.Sivasankari	F	Sankarimaran2903@gmail.com	8248442715
Team Member	J.Ashvin	M	ashvinjagadesswaran23@gmail.com	8220145171
Team Member	G.Kishore	M	kishoredeero@gmail.com	6382963737

Sincerely,

Dr.D.Valavan
Principal

PRINCIPAL
Saranathan College of Engineering
TRICHY - 12.

SARANATHAN COLLEGE OF ENGINEERING TRICHY 620 012.

Date: 09/March/2022

Sub: Smart India Hackathon 2022 – Nomination

I am pleased to nominate the below team from our college to participate in Smart India Hackathon 2022. AICTE Application No/ UGC Registration No for our college is 1-3516228665.

Team : TECH WIZ

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	SRIVARDHAN C	M	vardhansrivardhan01@gmail.com	8825429098
Team Member	SUTHARSH KRISHNA KA	M	sutharshkrish10@gmail.com	6385459896
Team Member	PRASANNA R	M	prasnnaprabu2002@gmail.com	9994819679
Team Member	HARSHEETHA R C	F	harsheetharc@gmail.com	9597271563
Team Member	HARINI V S	F	harini2361@gmail.com	7395865899
Team Member	PRIYADHARSHAN Y	M	priyadharshan736@gmail.com	9944197164

Sincerely,

Dr.D.Valavan
Principal

PRINCIPAL
Saranathan College of Engineering
TRICHY - 12.

SARANATHAN COLLEGE OF ENGINEERING TRICHY 620 012.

Date: 09/March/2022

Sub: Smart India Hackathon 2022 – Nomination

I am pleased to nominate the below team from our college to participate in Smart India Hackathon 2022. AICTE Application No/ UGC Registration No for our college is 1-3516228665.

Team : Stunning Buds

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	HARI GANESH S	M	hariganeshsubramani2001@gmail.com	8925008868
Team Member	AGALYA R	F	agalravi2709@gmail.com	9655340916
Team Member	BHARATH HARI S	M	bharathhari99@gmail.com	8072512300
Team Member	CHARUGOBIKA R D	F	charugobika.durairaj@gmail.com	9361202586
Team Member	KAVIYA K	F	kaviyasudharani2001@gmail.com	6385274982
Team Member	KAVIYA M P	F	harshukaviyaa@gmail.com	9443302525

Sincerely,

Dr.D.Valavan
Principal

PRINCIPAL
Saranathan College of Engineering
TRICHY - 12.

SARANATHAN COLLEGE OF ENGINEERING
TRICHY
620 012.

Date: 09/March/2022

Sub: Smart India Hackathon 2022 – Nomination

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Team : DominatriX

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	VIGNESHWARAN.S	M	palanivig12@gmail.com	9342857466
Team Member	SHYAM SUNDER.S	M	shyam52347@gmail.com	6360586215
Team Member	VARSHINI.N	F	nagendranvarshini@gmail.com	9384551077
Team Member	SOWMEYA.V	F	sowmeya.venk@gmail.com	8072301162
Team Member	THIRUVENKADAM.S	M	thiruspidey05@gmail.com	9080957704
Team Member	SUBIN RAJ.P	M	subinssf2003@gmail.com	9092155585

Sincerely,

Dr.D.Valavan
Principal

PRINCIPAL
Saranathan College of Engineering
TRICHY - 12.

Date: 09/March/2022

Sub: Smart India Hackathon 2022 – Nomination

I am pleased to nominate the below team from our college to participate in Smart India Hackathon 2022. AICTE Application No/ UGC Registration No for our college is 1-3516228665.

Team : Code Mavericks

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	Somakarthi P	M	somakarthi07@gmail.com	9344686091
Team Member	Rajarajeshwari A	F	arajijuly@gmail.com	9361886828
Team Member	Rohit M	M	rohitmaheshwaran27@gmail.com	6379466808
Team Member	Vaishnavi B	F	Vaishnavi14092001@gmail.com	9384419572
Team Member	Vijay Paul Raj S	M	vijaypaulraj1672@gmail.com	6381400774
Team Member	Viswanatha Subramanian K	M	viswan808@gmail.com	7339583662

Sincerely,

Dr.D.Valavan

Principal

PRINCIPAL
Saranathan College of Engineering
TRICHY - 12.

SARANATHAN COLLEGE OF ENGINEERING TRICHY 620 012.

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPALLI - 12

Date: 09/03/2022

Sub: Smart India Hackathon 2022 – Nomination

I am pleased to nominate the below team from our college to participate in Smart India Hackathon 2022. AICTE Application No/ UGC Registration No for our college is 1-3516228665.

Team : Evade Hedge

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	Adaikalaraj A J	M	adaiakalaraj2@gmail.com	9600265231
Team Member	Harish V	M	cvelmuruga72@gmail.com	7904487962
Team Member	Mohamed Omar Jafran M	M	ranjaf88@gmail.com	9791384651
Team Member	Harshini S	F	harshsenthil2000@gmail.com	7448397779
Team Member	Dinesh Kumar S	M	sdineshkumar2511@gmail.com	9600700114
Team Member	Basheer Ahmed Y	M	ybasheerahmed8@gmail.com	8754793415

Sincerely,

Dr.D.Valavan
The Principal

SARANATHAN COLLEGE OF ENGINEERING TRICHY 620 012.

PRINCIPAL
Saranathan College of Engineering
TRICHY - 12.

SMART INDIA HACKATHON 2022

CERTIFICATE OF PARTICIPATION

Internal Hackathon

This Certificate is awarded to

.....

of Team .....

for participating in Internal Hackathon held on 5th March 2022
at Saranathan College of Engineering

Mr.Aditya Sambamoorthy Founder and CEO Inlustro Jury	Mr.Dhanavelan Jagadeesan Senior Project Manager Infosys Jury	Mr.Victor Sundararaj Senior Lead Principal Head-Engineering Academy Infosys Jury	Ms.Vasantha Subbiah Vice President Fluxgen Technologies Jury	Dr. Shriram K.V Project Manager L&T Technology Jury	Dr.D.Vaiavan Principal

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 620 012

Date: 04.03.2022

SMART INDIA HACKATHON-2022

Submitted By : P.Shanmugapriya, SPOC, SIH-2022
Submitted Through : The Principal
Submitted to : Secretary
Sub : Plan of action for conducting Internal Hackathon -Reg.

Respected Sir,

As per the suggestions received from the organizing team members, it is planned to conduct the internal hackathon on 05.03.2022 through G-meet online platform. Evaluation of teams will be done by two panels of expert members. The schedule is given below for your kind perusal.

	Panel 1	Panel2
Expert members	1) Mr. Aditya Sambamoorthy, Founder & CEO at InLustro, Chennai 2) Mr.Dhanavelan Jegadesan, Senior Project Manager, Infosys.	1) Mrs.Vasantha Subbiah, Vice President, Fluxgen Techologies, Bangaluru. 2) Mr. Shriram Vasudevan, Project Manager at L&T Technology Services Limited, Coimbatore.
Duration	9:30 am to 1:40 pm	9:30 am to 1:00pm
Introduction and welcome address	Dr.P.Shanmugapriya, Associate Professor, ECE	Dr.M.Santhi, Professor & HoD, ECE
Vote of thanks	Dr.S.A.Sahaya Arul Mary, Professor & HoD, CSE	Dr.V.Mohan, Associate Professor, ECE
Coordinators	Ms.K.Gomathy, Assistant Professor, CSE & Ms. GIshwarya, Assistant Professor, CSE	Ms. N.Gayathri, Assistant Professor, EEE & Ms. G.Dhanalakshmi, Assistant Professor, ECE

Forwarded 4/3/22

Thanking You,
Yours faithfully,

(SPOC,SIH-2022)

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 620 012

Date: 03.03.2022

SMART INDIA HACKATHON-2022

Submitted By : P.Shanmugapriya, SPOC, SIH-2022
Submitted Through : The Principal
Submitted to : Secretary
Sub : Report on internal review conducted during 28.02.2022 and 01.03.2022-Reg.

Respected Sir,

Internal review has been conducted between 28.02.2022 and 01.03.2022 for short listing the teams for the internal hackathon. Based on the evaluation of review panel and suggestions received from Heads of all Engineering departments, the best performed teams have been identified and shortlisted. The number of teams shortlisted for internal hackathon is listed below for your kind reference.

Department	No. of teams Registered	No. of Teams Participated	No. of teams shortlisted
CIVIL	2	1	1
CSE	27	27	10
ECE	25	24	9
EEE	15	15	9
ICE	14	12	4
IT	15	14	6
MECH	6	6	4
TOTAL	**104**	**99**	**43**

Thanking You,

Yours faithfully,

(SPOC,SIH-2022)

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 620 012

Date: 02.03.2022

SMART INDIA HACKATHON-2022

Submitted By : **P.Shanmugapriya, SPOC, SIH-2022**
Submitted To : **The Principal**
Sub : **External expert members identified for evaluating the teams in internal hackathon SIH-2022 -Reg.**

Respected Sir,

Internal review has been conducted between 28.02.2022 and 01.03.2022 for short listing the teams for the internal hackathon. Internal hackathon is planned to be conducted on 05.03.2022 (Saturday) via online G-meet platform. As per the guidelines of SIH, teams participating in the internal hackathon have to be evaluated by external expert members (minimum three members) from industry and academia.

As per the suggestions given by the organizing team members, the following expert members have been identified for evaluating the teams in internal hackathon.

1) Mr. Shriram Vasudevan, Project Manager at L&T Technology Services Limited, Coimbatore.
2) Mr. Aditya Sambamoorthy, Founder & CEO at InLustro, Chennai
3) Mrs.Vasantha Subbiah, Vice President, Fluxgen Techologies, Bangaluru.
4) Mr.Dhanavelan Jegadesan, Senior Project Manager, Infosys.

Hence, the Principal is requested to accord approval for the expert team members of Internal Hackathon 2022 and forward this proposal to our respected Secretary for further approval.

Thanking You,
Yours faithfully,

(SPOC,SIH-2022)

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 620 012

Date: 01.03.2022

SMART INDIA HACKATHON-2022

Submitted By : P.Shanmugapriya, SPOC, SIH-2022
Submitted To : The Principal
Sub : Proposal for conducting Internal Hackathon to select the teams for participating in SIH-2022 Software & Hardware Edition-Reg.

Respected Sir,

In view of the conduction of internal hackathon 2022 on 05.03.2022, certificates for participation and shortlisted teams and appreciation certificates for the internal juries need to be designed and printed. For the conduction of previous event internal hackathon 2020, the amount spent was nearly 29,000/-

The estimated budget for the conduction of internal hackathon 2022 is given below for your kind perusal.

Certificate designing and printing

Participation certificate 85 teams x 6 =510	8,000/-
Certificate for the shortlisted teams 15 teams x 6 =90	1,500/-
Certificate for internal Juries (27 members)	450/-
Remuneration for external Juries (~~3~~ 4 members-Rs.5000/- per expert)	15,000/- 5000
Total	24,950/- 5000 29950

Rs 29,950/-

Hence, the **Internal Hackathon** at our institution may be permitted to be conducted through online on 05.03.2022. Our respected Principal is requested to accord approval for the conduction of Internal Hackathon 2022 and forward this proposal to our respected Secretary for further approval.

Forwarded to the Secretary for Sanction Please
2/3/2022

Thanking You,

Yours faithfully,

(SPOC,SIH-2022)

Model Please Board must be a good one
S.R.
02/03/2022

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 620 012

Date: 01.03.2022

SMART INDIA HACKATHON-2022

Submitted By : P.Shanmugapriya, SPOC, SIH-2022
Submitted To : The Principal
Sub : External expert members identified for evaluating the teams in internal hackathon SIH-2022 -Reg.

Respected Sir,

Internal review has been conducted between 28.02.2022 and 01.03.2022 for short listing the teams for the internal hackathon. Internal hackathon is planned to be conducted on 05.03.2022 (Saturday) via online G-meet platform. As per the guidelines of SIH, teams participating in the internal hackathon have to be evaluated by external expert members (minimum three members) from industry and academia.

As per the suggestions given by the organizing team members, the following expert members have been identified for evaluating the teams in internal hackathon.

1) Mr. Shriram Vasudevan, Project Manager at L&T Technology Services Limited, Coimbatore.
2) Mr. Aditya Sambamoorthy, Founder & CEO at InLustro, Chennai
3) Third expert member is yet to be finalized

Hence, the Principal is requested to accord approval for the expert team members of Internal Hackathon 2022 and forward this proposal to our respected Secretary for further approval.

Thanking You,
Yours faithfully,

(SPOC,SIH-2022)

SARANTHAN COLLEGE OF ENGINEERING, TRICHY-12

SMART INDIA HACKATHON 2022

To be held

Shortlisted teams for Internal Hackathon

Date: 05.03.2022

On 05-03-2022

Platform: G-meet

	Team Name	Team Members	Department	Sem/Year	Mentor	PS Number	PS Organisation	Category
1	Runtime_Terrors	Ramabathren. L Preethi maheswari Varun GA Sridevi J Sujjit DS Subashree H	CSE	V/III	Ms.Gomathi	SS604	ISRO	Software
2	TARGET BRIGHT	ASWIN VISVESWAR S Rajaratnam Kawshika Aishvariyaa B B Nithin T Santhosh S Haridhanush R	CSE	V/III	Mr. P Dineshkumar M.Tech	209	National Institute of Design Madhya Pradesh	Software
3	Techno Titans	Shama Banu Roheeth Kumar RJ Shameena Banu Shruthika S Roshni R Sivanesh S	IT IT IT ECE ECE IT	III/II	Ms.Sangeetha Priya. J	DA1071	Gaming Apps, etc for the elderly	Software
4	Cyborg	Manoj bhavvan. B Jaswanth R Harish R Gurupramodh R Bhavya Srii A Jayajanani S	CSE	III/II	Mr.Chandrasekaran.K.S	SH999	Ministry of rural development	Software
5	Code linguistics	Aparna.D.R Magima.V.M Lekshmi PPrabha B.S Madhuvanthi.K Malathy.M Devasana.k	CSE	III/II	Mr.Chandrasekaran.K.S	69	Ministry of Culture	Software
6	GEO TECH	MAHESHWARAN.P ANUSHREE.A BALASARAVANAN.C GUHAN.S JUFIN HASSAN.H MADHUMITHA.R	CSE	V/III	Mr.DINESHKUMAR.P	RK762	Department of Empowerment of persons with Disabilities (Divyangjan),Ministry of social	Software
7	Curious Coders	Sanjay SP Saran S Sanmugi A Sakthi Subramaniam K Priyanka S Prasanna Venkateshwar D	CSE	VII/IV	Ms R Hema	DR702	All India Council for Technical Education (AICTE).	Software
8	Step Up	Abirami R Thangam A Aiswarya SG Thiyagarajan Sabari Sahana Parveen	CSE	V/III	Ms. K Gomathi	AK1106	Department of Sports (DoS), Ministry of Youth Affairs & Sports.	Software
9	InfoTech	RATNAKUMAR A ABISHEK A S JHANANI R S KEERTHANA P MOHAMED AMEEN A RAMACHANDRAN A	IT	V/III	Ms.Sangeetha Priya. J	DR702	ALL INDIA COUNCIL FOR TECHNICAL EDUCATION (AICTE)	Software
10	Evade Hedge	Adaikalaraj A J Harish V Mohamed Omar Jafran M Harshini S Dinesh Kumar S Basheer Ahmed Y	CSE	VII/IV	Mr.Aravind Prasad P B	SS591	Department of Space, Indian Space Research Organization (ISRO)	Software

11	Bitty coders	S. Keerthana R. Aarthikha M. Nisha A. Arsah K. Kiruthika J. Sindhuja	IT	V/III	Ms.Sangeetha Priya. J	RK1129	Ministry of Micro,Small & Medium Enterprises(MSME)	Software
12	Code Mavericks	Somakarthi P Rajarajeshwari A Rohit M Vaishnavi B Vijay Paul Raj S Viswanatha Subramanian K	CSE	V/III	Ms. Gomathi K	SH1017	Ministry of Rural Development	Software
13	Better Bots	Kaavya R Aswini Devi B Kalaiarasu T Malolan BA Vaitheeswaran L M Vennkat Bharathi S	IT	V/III	Ms.Sangeetha Priya. J	DR702	All India Council for Technical Education (AICTE).	Software
14	TECH KNIGHTS	B.SAROJINI B.SUBHASHREE SUBHIKSHAA SURESH VISHNUPRIYA.H VARNESHWARAN.K PRAKASH.R	ECE	III/II	Dr.V.MOHAN	SM948	AICTE	Software
15	STAR TECHIES EEE	PRAJEETH CHANDER R RAHUL A RAHUL S ALBERT RAJ A SUBIKSHA K AKASH T	EEE	VII/IV	Mr.RAM PRAKASH P	SM947	AICTE,MIC - STUDENT INNOVATION	Software
16	Walkie Talkies	Seeni Arivazhakan Ganesh. V Harini R.S Mohan Ram.M Suriyanad. S Vibilan.S	IT IT CSBS IT IT IT	V/III	Ms.Sangeetha Priya. J	SM944	AICTE, MIC-Student Innovation	Software
17	Flawless Traverniers	Karthika.M Janet Priscilla.A.J Dharanika.S Harsika Nivasini.R.G Harani.M Nisha.M	ECE	III/II	Dr.V.Mohan	SS594	Department of Space, Indian Space Research Organisation (ISRO).	Software
18	Nostradamions	GOPI MANICKAM R JENIFAR SHEEBA A FERDINA C Arul Jyothi A BAUMA RANJITH S BALASUBRAMANIAN S	ECE	V/III	Dr. S.A Arunmozhi	GR922	National Institute of Ocean Technology (NIOT), Ministry of Earth	Software
19	Itachi Namikaze	Kabileshwaran R SathisKumar M Vasundra R Pranav Kumar S Shivaa Shankar A Suriya Prakaash D	ICE	VII/IV	Dr.M.Shanmugavalli M.tech,Phd	OS871	Govt of Maharashtra	Software
20	CONTROL CREW	Mukesh P Hari Varshini S Sharan R Yeshwant BA Santhosh R Rohan S	ICE	III/II	Dr. P Thirumurugan, M.Tech., Ph.D	DR707	AICTE	Software
21	Tiny Coders	Sharmila Rani.A Priyadharshini.M Manikandan.V Nirmalvel.S Abdul javith.A Ajmal khan .S	ICE	VII/IV	Dr.M.Shanmugavalli M.tech,Phd	SJ572	White hour solutions	Software

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 620 012

Date: 25.01.2022

SMART INDIA HACKATHON-2022

Submitted By : P.Shanmugapriya, SPOC, SIH-2022
Submitted To : The Principal
Sub : Proposal for conducting Internal Hackathon to select the teams for participating in SIH-2022 Software & Hardware Edition-Reg.

Respected Sir,

All India Council for Technical Education (AICTE) organizes Smart India Hackathon 2022, a unique initiative to identify new and disruptive digital technology innovations for solving the challenges faced by our country.

As per the guidelines given by the SIH, **call for Team formation and idea submission** process are circulated through **Whatsapp group** to the students. Heads of various technical departments and SIH department coordinators have motivated the students to register for Internal Hackathon and bring out the solutions for the problem statements. Hence, the **Internal Hackathon** at our institution may be permitted to be conducted in the **First week of March**. The Internal Hackathon may be planned with **Internal Jury members and External Jury Members** to select the teams which will participate in the actual SIH 2022. Experts for the evaluation of teams in the internal hackathon may be invited from Industry and Academia.

Steps to be followed towards the conduction of Internal Hackathon 2022:

1. Problem statements are unveiled to students on the portal. They are supposed to form a team of 6 members including at least one female member as mandatory.
2. The teams can come up with their own ideas against the problem statements and submit them to the nominated faculty or SPOC of our college.
3. The **last date for team formation and registration** for participating in the internal hackathon may be provided as **8th Febraury 2022.**
4. According to the instruction given by SIH, the college SPOC will register on the SIH portal. SPOC Registration for the year 2022 is not yet opened in the website. College SPOC Registration link is available in the idea submission process pdf displayed for 2020 only.
5. It is specified in the SIH website that the idea submission process starts from 26th January 2022 and the last date for the submission has been specified as 31st March 2022.

Hence, the Principal is requested to accord approval for the conduction of Internal Hackathon 2022 and forward this proposal to our respected Secretary for further approval.

25/01/2022

Thanking You,
Yours faithfully,

25/1/22
(SPOC,SIH-2022)

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 620 012

Date: 25.01.2022

SMART INDIA HACKATHON-2022

Submitted By : P.Shanmugapriya, SPOC, SIH-2022
Submitted To : The Principal
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3. The **last date for team formation and registration** for participating in the internal hackathon may be provided as **8th Febraury 2022.**
4. According to the instruction given by SIH, the college SPOC will register on the SIH portal. SPOC Registration for the year 2022 is not yet opened in the website. College SPOC Registration link is available in the idea submission process pdf displayed for 2020 only.
5. It is specified in the SIH website that the idea submission process starts from 26th January 2022 and the last date for the submission has been specified as 31st March 2022.

Hence, the Principal is requested to accord approval for the conduction of Internal Hackathon 2022 and forward this proposal to our respected Secretary for further approval.

Thanking You,
Yours faithfully,

25/01/2022

25/1/22
(SPOC, SIH-2022)

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 620 012

(Approved by AICTE. New Delhi, Accredited by NAAC with A+ grade -Affiliated to Anna University, Chennai-25)

Accredited by

Date: 23.02.2022

SMART INDIA HACKATHON-2022

Submitted By : P.Shanmugapriya, SPOC, SIH-2022
Submitted Through : The Principal
Submitted To : The Secretary
Sub : Proposal for conducting internal review for short listing the teams for internal hackathon-Reg.

Respected Sir,

As per the instruction given by SIH 2022, Internal Hackathon (hackathon competitions at individual college level) is to be conducted for short listing the teams that have submitted ideas. The top 7 teams (5 teams for Software edition and 2 teams for Hardware edition) nominations (from internal hackathon) must be submitted on the SIH portal by the College SPOC. 2 teams can be nominated in waitlist under each category. **103 teams (Hardware: 38 Software: 65)** have registered for internal hackathon.

In this connection, it may be permitted to conduct internal review by domain experts for the registered teams in order to give suggestions to improve their presentation. Teams have registered under software and hardware stream. Based on their registration category, they will be evaluated by four panel members.

Organising team members of the internal hackathon 2022

For software stream

Dr.S.A.Sahaya Arul Mary, HoD/CSE
Dr.V.Punitha HoD/IT
Dr.S.M.Girirajkumar,HoD/ICE

For Hardware Stream

Dr.M.Santhi, HoD/ECE
Dr.C.Krishnakumar, HoD/EEE
Dr.G.Jayaprakash, HoD,MECH

As per the suggestion given by the organising team members the following faculty members are nominated for evaluating the teams.

Panel	CSE	ECE	EEE	ICE	IT	MECH
Panel 1		Dr.M.Padmaa Dr.C.Vennila	Prof. P.Ramesh Babu Prof. S.Ramprasath	Dr.P.Aravind Dr. M.Banu Sundareswari		Dr.R.Rekha Dr.M.Ganesan
Panel 2	Dr.P.L.Rajarajeswari Dr. R.Sethamil Selvi Dr.S.Mohana Prof..S. Venkatasubramanian				Prof.N.Bhavani Prof.J.Sangeethapriya Prof.R.Rengaraj Prof.P.Anand	
Panel 3	Dr. N Lakshmi Kanthan	Dr.S.Rajeswari Dr.V.Mohan	Dr.K.Rajkumar		Prof.M.Padma Priya	
Panel 4	Mr.K.S.Chandrasekaran Prof.R.Mohankumar	Dr.S.A.Arunmozhi	Dr.M.V.Suganyadevi	Dr.M.Shanmugavalli		Dr.A. Mercy Vasan

Hardware: Number of teams registered: 38 Number of teams to be shortlisted: 19

Software: Number of teams Registered: 65 Number of teams to be shortlisted: 32

The selection of teams will be based on (1) Relevancy to problem statement (2) Optimum solution to Ps (3) Task modification/adoption.

Internal Review for Hardware stream:

Internal review (Phase-I): Online mode

Date: Between 25.02.2022 & 28.02.2022.

Objective: Selection/ short listing of teams for the internal hackathon based on the presentation

Internal Review (Phase –II): Offline mode

Date: 10.02.2022

Objective: To improve the presentation if required.

Internal Review for Hardware stream:

Internal review (Phase-I): Online mode

Date : Between 25.02.2022 & 28.02.2022.

Objective: No Elimination; Only for giving suggestion towards the betterment of their idea/solution.

Internal Review (Phase –II): Offline mode

Date: 10.02.2022

Objective: Selection/ short listing of teams for the internal hackathon based on the prototype produced.

Thanking You,
Yours faithfully,

(SPOC, SIH-2022)

SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Accredited by NAAC with A+ grade -Affiliated to Anna University, Chennai-25)

TIRUCHIRAPPALLI – 620 012

Date: 15.02.2022

SMART INDIA HACKATHON-2022

Submitted By : P.Shanmugapriya, SPOC, SIH-2022
Submitted Through : The Principal
Submitted To : The Secretary
Sub : Report on the registration of teams for participating in SIH-2022 Internal Hackathon-Reg.

Respected Sir,

The details of registration of teams till 15.02.2022 are furnished below for your kind information.

Department	No of Teams Registered
CIVIL	1
CSE	27
ECE	24
EEE	15
ICE	12
IT	17
MECH	3
Total Number of teams Registered	99

- SPOC Registration was completed.
- The last date for registration for Internal Hackathon has been extended till 16.02.2022.
- Internal review has been conducted by the Heads of Engineering departments for finalizing the teams, feasibility of Problem statements and mentor allocation.
- Final list of participants will be collected on 16.02.2022.

15/2/2022

Thanking You,
Yours faithfully,

(SPOC, SIH-2022)

SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Accredited by NAAC with A+ grade -Affiliated to Anna University, Chennai-25)

TIRUCHIRAPPALLI – 620 012

Date: 15.02.2022

SMART INDIA HACKATHON-2022

Submitted By : **P.Shanmugapriya, SPOC, SIH-2022**
Submitted Through : **The Principal**
Submitted To : **The Secretary**
Sub : **Proposal for conducting internal review for short listing the teams for internal hackathon-Reg.**

Respected Sir,

As per the instruction given by SIH 2022, Internal Hackathon (hackathon competitions at individual college level) is to be conducted for short listing the teams that have submitted ideas.

The top 7 teams (5 teams for Software edition and 2 teams for Hardware edition) nominations (from internal hackathon) must be submitted on the SIH portal by the College SPOC. 2 teams can be nominated in waitlist under each category.

So far **99 teams (Hardware: 34 Software: 62 Innovation Type : 3)** have registered for internal hackathon.

In this connection, it may be permitted to conduct internal review by domain experts for the registered teams in order to give suggestions to improve their presentation.

The expert review members in hardware domain are

1. Dr. C. Krishnakumar, HoD/EEE
2. Dr.M.Padmaa, Professor, ECE
3. Dr.M.Shanmugavalli, Professor, ICE
4. Dr.N.Baskar, Professor, MECH

The expert review members in software domain are

1. Dr.S.A.Sahaya Arul Mary, HoD/CSE
2. Dr.V.Punitha, HoD/IT
3. Ms.N.Bhavani, Associate Professor, IT
4. Prof.S.Venkatasubramanian, Associate Professor, CSE

The internal review by internal domain experts may be conducted during 22.02.2022 to 25.02.2022.

Thanking You,
Yours faithfully,

(SPOC, SIH-2022)

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPPALLI-620012

02-09-2022

Report on Smart India Hackathon -2022 (SIH 2022)

For the SIH 2022, a total of 594 students registered as 99 teams and the initial selection was done in two stages. In stage one, the screening was carried out by internal experts while in the second stage the screening was done by external experts. Out of the 99 teams 44 were selected in stage one and in stage two only 30 teams were shortlisted for uploading their ideas in the SIH website for screening by SIH technical experts..

In the pre-screening conducted by Overall SIH technical experts, six teams were shortlisted out of the 30 teams for participating in the SIH Grand Finale. Five teams were selected under software category and one team was selected under hardware category to exhibit their proposed models in the grand finale that was conducted at various nodal centers namely, Bangalore, Ernakulam, Salem, Ahmedabad and Kanpur.

The team NEOSPARKERS that participated in the Smart India Hackathon 2022 Grand Finale held between 25-08-22 and 29-08-22 at R V University, Bangalore was adjudged as the joint Winners of SIH - 2022 (hardware stream) along with SRM University, Chennai. The winning team proposed a model for the problem statement on finding a “Solution to detect air quality inside the cabin and improve it”, posted by Volvo.

The team received a cash award of Rs.50,000/- from SIH-2022. In order to motivate the students further and encourage such endevours, our college management matched the cash award of Rs 50,000 given by SIH-2022. Thus, the winning team clinched a total cash award of one lakh rupees.

As a token of appreciation of the efforts taken by the team mentor, Mr. G. Sivakannu, Asst. Professor, Department of ECE and the SPoC of SIH 2022 Dr. P. Shanmugapriya, Associate Professor, Dept of ECE were awarded Rs 5,000 each, by the college management.

Members of the winning team **Neosparkers** – and the other teams are given in the Table below:

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Details of the student members and the mentors of the 6 teams participated in SIH 2022- Grand Finale

S. No	Team Name	Team Members	Mentor	Department	Category of PS	Nodal Centers
1	Flawless Taverniers	Karthika.M Janet Priscilla.A.J Dharanika.S Harsika Nivasini.R.G Harani.M Nisha.M	Dr.V.Mohan	ECE	Software	Gujarat Technological University, Ahmedabad, Gujarat,
2	Techno Phantom	kedzi Jero Kathrin.P Kirthiga. K Nisagar.S Nithin raj .S Rakshana.S Sarulatha.S	Dr.P.Shanmuga priya	ECE	Software	SCMS School of Technology and Management, Ernakulam, Kerala
3	Step Up	Abirami R Thangam A Aiswarya SG Thiyagarajan Sabari Sahana Parveen	Ms. K Gomathi	CSE	Software	SCMS School of Technology and Management, Ernakulam, Kerala
4	Neosparkers	K.Vaishnavi R.Srisudharssan Afrah Zainab Khan Santhosh Kumar .M Harini.K Akshaya .K	Mr.G.Sivakannu	ECE ECE ECE ECE EEE ECE	Hardware	JAIN (Deemed-to-be University)Faculty of Engineering and Technology, Bengaluru, Karnataka.
5	InfoTech	Ratnakumar A Abishek A S Jhanani R S Keerthana P Mohamed Ameen A Ramachandran A	Ms.Sangeetha Priya. J	IT	Software	Sona College of Technology, Selam, Tamilnadu
6	Target Bright	Aswin Visveswar S Rajaratnam Kawshika Aishvariyaa B B Nithin T Santhosh S Haridhanush R	Mr. P Dineshkumar	CSE	Software	IIT KANPUR, Kanpur,Uttar Pradesh

Winning Team with our Respected Secretary, Principal, Head (R&D) and Head (ECE)

Team Receiving the additional matching Cash Award of Rs.50,000/- from our honorable Secretary

Faculty Mentor Mr. G. Sivakannu receives a cash award Rs. 5000/- from our Honourable Secretary as token of appreciation

SARANATHAN
COLLEGE OF ENGINEERING

(Approved by AICTE and Affiliated to Anna University, Chennai)
(Accredited by NAAC with A+ Grade)
Venkateswara Nagar, Panjappur, Tiruchirapalli - 620012

Memorandum of Understanding (MOU)

signed with

HUAWEI Services (Hong Kong) Co. Ltd.

HUAWEI

Dr.D.Valavan
Principal

S.Ravindran
Secretary

Memorandum of understanding ("MOU")
Between
Saranathan College of Engineering
and
Huawei Services (Hong Kong) Co. Limited

05/2021

Party A: Saranathan College of Engineering
Address: Trichy-madurai road Panjappur, Venkateswara Nagar, Edamalaipatti Pudur, Tamil Nadu 620012, India

Party B: Huawei Services (Hong Kong) Co., Limited (hereinafter referred to as "HUAWEI" or "Huawei")
Address: Room 03, 9th Floor, Tower 6, The Gateway, No. 9 Canton Road, Tsim Sha Tsui, Kowloon, Hong Kong

Telephone: 852-21565988

Fax: 852-21565999

Email: businessdevelopment.HSHK@huawei.com

Website: https://huaweiservices.hk.com/

Huawei and Party A are hereinafter individually referred to as the "Party" and collectively, the "Parties".

Part I: Cooperation Provisions

1. Cooperation background

In order to respond to the Global digitalization needs, comprehensively promote the collaboration of Academic institutes and enterprises in education, give full play to the advantages of both universities and enterprises, train more high-quality and high-skilled applied talents with good professional knowledge and practical skills for the society, and promote the deepening of educational reform in universities and improve the quality of talent cultivation, based on the principles of resource sharing, complementarity, mutual benefit and common development, both universities and enterprises actively explore the establishment of pluralistic, multi-level and multi-form cooperative relations between universities and enterprises.

2. Company Overview:

HUAWEI Mobile Services is part of Huawei Consumer Business Group which aims to provide a complete mobile experience to HUAWEI mobile users. The users can enjoy official services such as Mobile Cloud, AppGallery, Videos, and Themes etc. which comes along with EMUI operating system. HMS covers 700 million users in over 170 countries, serving a smart living experience to benefit users. In the era of a fully connected world, HUAWEI will provide a better user experience and fulfilling commitment to bring the world closer together.

Huawei is a leading global provider of information and communications technology (ICT) infrastructure and smart devices. With integrated solutions across four key domains which are telecom networks, IT, smart devices, and cloud services. Huawei is committed to bringing digital to every person, home and organization for a fully connected, intelligent world.

As one of Huawei's three business groups, Huawei Consumer Business Group is the leader of all-scenario AI life. It covers smartphones, PC and tablets, wearables, mobile broadband devices, family devices and device cloud services. Huawei Consumer Business Group is dedicated to delivering the latest technologies to consumers and sharing the happiness of technological advances with more people around the world.

3. Cooperation Mode and Content

After friendly negotiation, both parties agree to carry out an online training course session on Mobile Application Development in the HUAWEI Mobile Services (HMS) ecosystem for the students of the university.

4. Objective/Purpose:

The key objective is to provide a learning and training platform to students of the university who are interested, dedicated and passionate to learn and do some innovation in the space of mobile app development using HMS. This training program will provide an opportunity for the students to upgrade their skills and showcase their hidden talent by coming out with innovative and smart mobile apps that can have a significant impact on society, the nation and the entire humanity.

The most active and top performers or innovators will be recognized under HSD Program and will be rewarded in the form of certificate for their hard and smart work to continue represent the HMS community and conduct regular community activities.

5. Plan of Action/Scope of Work:

Tasks and Responsibilities from Huawei side:

- Webinar on The Future of App Industry will be conducted for all the University Students.
- The training will be conducted by the HMS expert from Huawei.
- The training duration will be of 5 weeks.
- The programming language will be **Java**
- The course will start from MM/YYYY and expected to get complete by end of MM/YYYY
- The **Zoom** or **Welink** will be used to create virtual classes for students with professors.
- The training session will be both theoretical and practical classes including Hands-on experience.
- Exams for students and feedbacks for trainers will be taken to evaluate their performances.
- During the training, students will be encouraged to build sample applications and release applications in **AppGallery**.

- Huawei team will provide end to end support in resolving all technical **queries**, **doubts**, **application development** and **deployment** with respect to HMS.
- After the course completion, Huawei will support all the eligible participants to get the **Certificate**.

Tasks and Responsibilities from University side:

- Encourage all the students to know about mobile app industry and create Huawei Developer ID to access developer tools.
- To circulate the HMS training information, to identify the students interested to attend the sessions.
- To facilitate the interested students to join the training sessions with appropriate guidance.
- To appoint professor and support staff as coordinators between Huawei and students.
- Make sure to meet the minimum expectation of 150+ participants for every training session.
- Professors to recommend suitable students for Student community organizer Role.
- Professors and other support staff members to ensure students complete assigned tasks and bridge the communication gaps.

Course Structure with Timelines

HMS Foundation course training 5 wee

Train the trainer program for HMS foundation course

- 10 Teachers can join the Foundation course along with Students
- Teacher need to learn all the topics and develop applications along with students

- If the Application selected is big and complex, teacher can lead batch 4-5 students and develop the application
- Teachers can apply for the program Huawei Academy Teacher
- Once teacher get selected, Teachers can contribute articles and videos on Huawei developer forum & training portal
- Teachers also can produce advanced training videos and developer stories/case studies on Huawei training platform

Guidelines to be followed:

- Students who completes the entire course and successfully deploy an application into AppGallery are eligible for a certificate.
- The certificates will clearly highlight the logo of Huawei along with the name of the participant, course title, appropriate seal and signatures in digital format.
- Only soft copies of the Certificate (e-Certificate) to be provided and no hardcopies.
- All the students should create their Huawei Id for accessing HMS Kits and other services for building mobile applications and deploying in AppGallery.
- Top performing students can support in mentoring other students and resolving an initial set of queries.
- The University should coordinate with the students in registering them & making them attend the sessions without any difficulties.
- The university can recommend selective potential students for the role of Huawei student developer organizer, but the final call has to be taken by the HMS team.

6. Future Plans:

- Based on the successful execution of this training program we can plan for an extension of the training sessions with some advanced tutorials having more and more hands-on sessions.
- University can adopt HMS content in Curriculum

- Huawei can provide an opportunity for suitable students to become Huawei Developer Experts and Huawei Community Leaders.

Curriculum system construction

In order to achieve the goal of cultivating practical and complex talents, the curriculum design and adjustment of talent cultivation plan are based on the needs of enterprises and industries. Based on HMS and HarmonyOS technologies, build a flexible curriculum system, integrate the curriculum into the college teaching system, set corresponding credits, and jointly develop teaching plans and talent cultivation solutions that meet enterprise requirements. Explore a teaching model driven by industry requirements and centered on engineering practices. The curriculum of teaching planning emphasizes the foundation, strengthens practical technology, case teaching and engineering practice.

7. **Feedback Collection Mechanism:**

- Every week, an online feedback form will be shared to participants with a list of questionnaires finalized between the HMS team and University officials.
- The HMS team will collect the feedback and will share it with university officials.
- Based on the feedback from students, the HMS team will fine tune the ongoing sessions and will make necessary changes.

8. **Terms and Conditions:**

- Huawei will not be responsible for slow internet connectivity or network issues faced by the students during the entire training program.
- Huawei reserves the right with prior notification to make changes in the course structure, course duration, training topics and contents as mentioned above.
- University officials needs to provide prior notification to Huawei if postponing any particular training session or changing prefixed time slots.

- Trainers appointed by Huawei can only take the sessions and training materials approved by the HMS team will be used only during training sessions.
- The training timings can be decided based on the mutual discussions between the HMS team and university officials.
- All the training materials and training sessions will be provided in English language only.

Part II: General Provisions

1. Legal Effect

The Parties understand and agree that, except for all clauses of Part II General Provisions specified herein, this MOU only reflects the intent of the Parties and shall not be binding upon the Parties, not intended to create any rights or obligations between the Parties.

2. Confidentiality

2.1 Unless otherwise agreed in writing, neither Party shall disclose to any third parties or make public announcements of the mere fact that the Parties (i) are discussing or intend to initiate discussions on the subject matter hereof or the possibilities to enter into any partnership; or (ii) are contemplating to enter into or have entered into or have terminated any partnership.

2.3 All technical and commercial information provided to the receiving Party ("Recipient") by the disclosing Party ("Discloser") during the negotiation, execution and fulfillment of this MOU, including but not limited to the content

of this MOU and the existence of this MOU, shall be deemed to be the Confidential Information.

2.4 The Recipient shall keep all the Confidential Information provided by the Discloser secret and confidential and refrain from disclosing such Confidential Information to any third parties in any manner without prior written consent of the Discloser. The Recipient shall use the Confidential Information only for the purpose of performance of this MOU and shall use reasonable care to protect such Confidential Information.

3. No Rights Granted

Nothing in this MOU shall be construed as one Party granting any expressed or implied rights or license under any patent, copyright or other its intellectual property rights to the other Party.

4. Term and Termination

4.1 This MOU shall become effective upon the day and date last signed and executed by the duly authorized representatives of the Parties and remain in force for a period of Three years.

4.2 One Party shall have the right to immediately terminate this MOU upon written notice to the other Party in any of the following events:

(a) The other Party is in material breach of this MOU and fails to remedy the breach within thirty (30) days of written notice complaining thereof from the terminating party; or

(b) The other Party becomes insolvent or becomes subject to bankruptcy or reorganization or similar procedures for the relief of debtors, or makes a general assignment for the benefit of debtors, or any application therefore; or

(c) The other Party decides to sell or transfer business concerning this MOU without the prior written consent from the terminating party; or

(d) The other Party decides to dissolve or be liquidated; or

(e) The other Party is subject to any substantial change of ownership, including due to any takeover or merger with another company.

4.3 Upon the termination of this MOU, one Party shall promptly return to the other Party all the Confidential Information and copies received from the other Party.

4.4 All clauses of Part II General Provisions shall survive any termination of this MOU.

5. Governing Law and Dispute Resolution

5.1 This MOU shall be construed in accordance with and governed by the laws of Hong Kong, without giving effect to principles of conflicts of law.

5.2 All disputes arising under the terms of this MOU shall be settled amicably through negotiations between the Parties firstly. In the event such disputes cannot be settled amicably through negotiations within a 30-day period, they shall be submitted to the Hong Kong Courts.

6. No Warranty

All information and materials provided by Huawei to Party A hereunder shall be provided "AS IS" without warranty of any kind, and Party A understands and agrees that Huawei shall not be liable for any loss whatsoever arising from or relating to Party A's use or inability to use such information or materials.

7. Miscellaneous

7.1 Either party shall bear its own cost and expenses which may be incurred in the fulfillment of this MOU.

7.2 All headings used in this MOU are inserted for convenience only and shall not affect the meaning or interpretation of any portion of this MOU.

7.3 This MOU constitutes the entire agreement between the Parties with respect to the subject matter hereof and supersedes all prior agreements and negotiations relating thereto. This MOU may not be amended except with the prior written consent of both Parties.

7.4 Neither Party shall assign any of its rights and obligations under this MOU without the prior written consent of the other Party.

7.5 This MOU is executed in duplicate, one for Huawei and the other for Party A. Each copy shall have the same legal force.

Party A: Saranathan College of Engineering (Stamp)

Signature:

Name: Dr. D. VALAVAN

Title: PRINCIPAL

Date: 30/09/2021

Party B: Huawei Service (Hong Kong)Co., Limited (Stamp)

Signature:

Name: Wang Zhihui

Title: Director

Date: Sep 24, 2021