

The practical exposure in line with the current needs of the society is provided to the students by incorporating the new lab courses into the curriculum. The UG and PG courses have been developed to provide required inputs to aspiring entrepreneurs and provide extra support. The Innovation & Entrepreneurship Development Cell (IEDC) extends the need based programs by organizing workshops / filing patents. Apart from the basic courses Guest Lectures and Workshops are also conducted for the improvement of knowledge and skill expertise. Apart from the technical courses related to each of the specific programmes, few courses have social relevance satisfying the local needs and also some courses are also framed to integrate the national movements like START UP INDIA , UJWAL BHARAT etc and the details of courses are given below.

Table1 : Courses have relevance to the local, national, regional and global developmental needs

Courses in Curriculum		Linkages with Societal Needs/ Government of India initiatives
CS408	Cloud Computing & Internet of Things	Smart India, Smart Cities
OECEC604 A	Big data Analytics	Digital India
PECCS 501G	Cyber Security	Digital India, National cyber security Policy
PCCCS 701	Cryptography and Network Security	Digital India, National cyber security Policy
	Electronics Engineering Workshop	Make in India
PCCCS 492	Computer Organization & Architecture Laboratory using VHDL	Digital India
PCCCS 394	IT Workshop	Skill India
	MEMS	Smart Cities Mission Programme
OECEC704 A	Internet of Things	Smart Cities Mission Programme
	Analog IC Design	Digital India
	Digital IC Design	Digital India
	Image Processing & Pattern Recognition	IMPacting Research INnovation and Technology (IMPRINT)-India
PECCS 502E	Soft Computing	IMPacting Research INnovation and Technology (IMPRINT)-India
	Wireless Communication	Smart Cities Mission Programme
	Renewable Energy Resources	Ujwal Bharat
MB107	Entrepreneurship	Start-up India
MCEC401	Environmental Science	National River Conservation Plan Environmental

		Sustainability, National Afforestation Programme
MOOCs(MBA)-22	Digital Marketing	Digital India
OEC- EE01B	Wavelet Transform	IMPacting Research INnovation and Technology (IMPRINT)-India
OEC 302(ME)	Production Operations Management & Entrepreneurship	Start-up India
ESC194	Engineering Drawing, 3D Design Lab	IMPacting Research INnovation and Technology (IMPRINT)-India
PEC-MEL 321 A1	Refrigeration & Air Conditioning	Local Needs (COLD STORAGE) Agricultural Mechanization ; KISAN VIKAS
BCAN-E302B	GUI Programming with .NET	Skill India

Table2: Guest Lectures/Workshops have relevance to the local, national, regional and global developmental need

Name of the department	Name of the Capacity Development and Skill Enhancement programme	Year of implementation	Number of students enrolled	Name of the agencies/consultants involved with contact details, if any	Link of Supporting document with public view
Computer Science and Engineering	A workshop on "Competitive Coding with C++" by Mr. Shayak Sadhu and Mr. Suryadip Basu	2021	110	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1qbdnlhTVEPXdhch5K93ZALqfgvz0I7my0iMgUMWcuQ0/edit?usp=sharing
Computer Science and Engineering	IEMCO9 July Challenge, 2021	2021	120	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1NpXxfQxDT6NI-jzlx_S3FeliGON07m-w4Pi2btSalA/edit?usp=sharing
Computer Science and Engineering	Alumni Talk by Mr. Nirjhar Roy, Software Engineer, Fortanix Inc, Bangalore, on	2021	110	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1oU_pYQWSJ8D4UDT_g6X69wqwdel8p1gERWLvRTtDhRA/edit?usp=sharing

Engineering	"Demystifying research and industry life"				
Computer Science and Engineering	IEM-TCS Workshop on Computer Vision by Ms. Pallavi Saha Scientist at TCS Research & Innovation	2021	120	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1eXysnX6qsaBIXrpzBGTf-RLEoiUM-458iMHj3YBhs0/edit?usp=sharing
Computer Science and Engineering	Introduction To Competitive Programming by Priyansh Agarwal, student at IIIT Delhi, 6 Star at CodeChef, Candidate Master on Codeforces, Incoming Intern at Goldman Sachs	2021	130	CodeChef IEM Kolkata Chapter (Student Chapter)	https://docs.google.com/document/d/1QfDUUcQPRP9zf8yZTrNYtwDc92JmGWS3hZ9eCqk3iQ/edit?usp=sharing
Computer Science and Engineering	Learn Bit Manipulation by Subhadip Roy (student, Executive Member of CIEMK)	2021	70	CodeChef IEM Kolkata Chapter (Student Chapter)	https://docs.google.com/document/d/1k0GoTkxpyvR2wY2XTW0XTB0ZY_PKet1fEfW69NNc6W4/edit?usp=sharing
Computer Science and Engineering	An Alumni Talk by Dr. Sambaran Bandyopadhyay	2021	130	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/17UM9lmGPzPUY0mATS-C0HTzYasZiLRXM95yggZQx-fM/edit?usp=sharing
Computer Science and Engineering	Khuli Kitab - Open Book Challenge	2021	50	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/16ENHBmymRS87QgU7d840Vss0NzvktagutvJyeZjyYEk/edit?usp=sharing

Computer Science and Engineering	A Mashup contest on Codeforces	2021	120	CodeChef IEM Kolkata Chapter (Student Chapter)	https://docs.google.com/document/d/1zVT83FNftVvkE_KGLiEXsi2_ahe08pzP05s3ialwda8/edit?usp=sharing
Computer Science and Engineering	Open Source using Git by Debyeet Banerjee (IEM-CSE, 3rd year, Cyber security and devops team lead, GDSC IEM) and Deeptendu Santra (IEM-ECE, 3rd year)	2021	130	GDSC IEM (Student Chapter)	https://docs.google.com/document/d/1xbcyh1xPgmJre_hvnKeOqF8Ex0kd2lrtVeEvE_JAQMA/edit?usp=sharing
Computer Science and Engineering	Guide to Placements - Episode 1 by Soumik Nandi, Alumni – IEM Kolkata (2021 Batch), Software Development Engineer at Amazon	2021	150	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1DmcMzhMs4jKEXID0qreNZAyG8e95uX0pBtazpBF7Mp8/edit?usp=sharing
Computer Science and Engineering	Guide to Placement by Abhilasha Kumari	2021	170	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1exHvIO1rwTQkvWD2x6ZUWPriSScjM0rUry9LT9Pct9Y/edit?usp=sharing
Computer Science and Engineering	Algorithm Series #1 - Binary Search by Shuvam Chakraborty (student, Executive Member of CIEMK) and	2021	65	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1zkBBYeyqedMM7s95ksbSr1IBqsDQaW8L8aDQJkbePFo/edit?usp=sharing

	Bhavya M Modi (student, Executive Member of CIEMK)				
Comp uter Scien ce and Engin eerin g	Web Development Bootcamp 2021 (Oct 25-31, 2021)	2021	70	A joint initiative of GDSC IEM, ACM IEM, CIEMK, CSI IEM	https://docs.google.com/document/d/1YiFR0tlz6hDJsx76Q6XkLGBgycVv0tzillcCnxcEBNM/edit?usp=sharing
Comp uter Scien ce and Engin eerin g	ANDROID BOOTCAMP (Nov 20-28, 2021)	2021	58	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/10HBRXBpjD-S7CXdjZhUAdP5PYku0Yj_aDIUVADrdLc/edit?usp=sharing
Comp uter Scien ce and Engin eerin g	Diversion 2022	2022	150	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1pM3k1sGq8MKOHSCvigLJ3R2McbRym5s/edit?usp=sharing&oid=106515741772108312375&rtpof=true&sd=true
Comp uter Scien ce and Engin eerin g	TDSM But First Coffee	2022	140	IEM-ACM	https://docs.google.com/document/d/1pM3k1sGq8MKOHSCvigLJ3R2McbRym5s/edit?usp=sharing&oid=106515741772108312375&rtpof=true&sd=true
Comp uter Scien ce and Engin eerin g	Industry Talk by Google Engineer Mr. Eshan Chattaraj	2022	250	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1CHly8xui2C116Z_2w2633sBlxT_1USN97duhFmmWwbc/edit?usp=sharing
Comp uter Scien ce	LinkedIn & Resume 101 by Attri Ghosal, SDE 1 @Swiggy	2022	200	GDSC IEM (Student Chapter)	https://docs.google.com/document/d/17dxgKcLm6JKuR6nbmrx3ET6clG1Np6MIwupXrtzNSjl/edit?usp=sharing

and Engin eerin g					
Comp uter Scien ce and Engin eerin g	Career Guidance - Alumni Talk	2022	180	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1EiwwkgBBZ8pADI05v1mQod9Nlfykf-PfBDSPsCDtyX0/edit?usp=sharing
Comp uter Scien ce and Engin eerin g	Distribution of mask and sanitizer by Department of Computer Science and Engineering from IEM Pavilion at Kolkata Book Fair 2022 on 09.03.2022.	2022	8	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1MquNtXD-itjgrc02p-eoq7CHoxxPu_kJAbyi-ioTCCA/edit?usp=sharing
Comp uter Scien ce and Engin eerin g	Code Till AC 2022 (Closed Coding Contest hosted on CodeChef)	2022	46	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1NVCJOOfDq-vqLIsHvDkXM4jXB7urgATNMYG883GyICE4/edit?usp=sharing
Comp uter Scien ce and Engin eerin g	Lecture Series on Competitive Coding	2022	120	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/12B8LJo3IfHuVGsw0beHcQrHZ5GqMAUB73P4N8qsMvCE/edit?usp=sharing
Comp uter Scien ce and Engin eerin g	An "Industrial Talk" on "Deep into Python" by Dr. Pritam Bhattacharya (Technical Specialist for Continental Automotive)	2022	140	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/19ImJaY679LkIK5f94TmNyw-aJ_bYvZJ3c7zoHyVjxIY/edit?usp=sharing

Computer Science and Engineering	TDSM - Projects Discussion - Chooselyf	2022	100	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1EXRg7-zDNHtvRDImJe_w6pgJPXMSb9fSItRqvzumQI0/edit?usp=sharing
Computer Science and Engineering	TDSM But First Coffee - Episode 02 - Prathamesh Deshmukh	2022	120	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1c1yKvzEjvyg0Qm_Ngiuo96ZTsc3IKpT3KtCde2NEAx0/edit?usp=sharing
Computer Science and Engineering	TDSM But First Coffee - Episode 03 - Aditya Thakur	2022	130	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1j3x9ObyxVlp8IYINwVuoDnw--lvjQyACrh-cFhwaGkE/edit?usp=sharing
Computer Science and Engineering	TDSM But First Coffee - Episode 04 - Soham Biswas	2022	120	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1mNtemJwQ3_FnREyGYS9f41hxL_Fy-HMD5s0Gpg8UI9c/edit?usp=sharing
Computer Science and Engineering	DIVERSION 2022 - Exclusive Podcast with Jeremy Ravenel - CEO, naas.ai	2022	130	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1A1t0BO1e0NlrPgKvg8V2yL5M_LnkdXbeLygeyaEG7OY/edit?usp=sharing
Computer Science and Engineering	Linux 101 : An Introduction to Linux at IEM Gurukul Campus by Debyeet Banerjee (Student, Cyber Security Lead, GDSC IEM)	2022	120	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/13HTf1hzauveSL320_I9F3SZZETnM7qMu9c16kv2pGPQ/edit?usp=sharing

Computer Science and Engineering	Alumni Talk by Diptesh Sil, Software Engineer, Google, on "Experience in Life"	2022	130	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1kUic170TJuwOJpae4ooMLEYJ_2Uyn3n1jTEcMglxAMo/edit?usp=sharing
Computer Science and Engineering	Alumni Talk by Ayon Chattopadhyay, Pursuing M.Tech, IIT Guwahati, on "Journey to IIT Guwahati"	2022	120	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1vOm5MiUjcJB28QvxxSiNvIME4dlb9TPlMjaKyHeXgPI/edit?usp=sharing
Computer Science and Engineering	IEMCO10 July Challenge, 2022	2022	10	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1wKEcqZcj9IA-eNgkDISZS7lcXinFBTANmMwQruQdJSM/edit?usp=sharing
Computer Science and Engineering	An Alumni Talk on "Skills required as a professional" by Mr. Sohang Sengupta FRSA(Co-founder and Partner-Cibertix Technologies, Founder - ZeroDollarSecurity)	2022	87	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1knbFXcA9Kq66ClpLohc5B_rPb0rOVyIjNjeFws3zIYFU/edit?usp=sharing
Computer Science and Engineering	Brahma Kumaris' Event-"Protect inner well being, Reduce Stress and Promote Happiness" on	2022	110	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1uPWzw8J2H2WPUfKIIVjd43SHbYCHJHxjPLwTnr5dBVo/edit?usp=sharing
Computer Science and	Alumni Talk by Mr. Sambit Halder on "Tips and Tricks to Succeed",	2022	78	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1qigpY_yJMdJRqoCNAQ0pWeavPnMh-6lsYqxBOiaqMms/edit?usp=sharing

Engineering	Program Manager, Byjus', Organized by - Department of Computer Science and Engineering				
Computer Science and Engineering	A Research Talk by Prof. Amit Konar, FNAE, FWAST, on "Brain-Computer Interface for Rehabilitative Robotics"	2022	156	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1qSWhjMLwzcL-_T27YUyl9D9bZAfnA_JaF1pKAx6-0LI/edit?usp=sharing
Computer Science and Engineering	Industry Talk	2022	79	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1R7viyVPpw4pqfj1HSzon2stJAEFv8h7CoGFXyGD5w0w/edit?usp=sharing
Computer Science and Engineering	6-Day Android Jetpack Compose Camp	2022	50	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1zgeYVLF94jskRmH4-79pTelVQHqgXlhXqQUpf3k5roA/edit?usp=sharing
Computer Science and Engineering	Project Brainstorming Session for Hacktoberfest 2022	2022	70	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1kHHuDS1QVTyfcG5X48mPV4ZQwovKibcFmzUlzyZCBZ8/edit?usp=sharing
Computer Science and Engineering	Alumni Talk by Mr. Attri Ghoshal on "Skills acquired in difference phase of life", Software Engineer, Google	2022	79	CSE, IEM Kolkata (Gurukul Campus)	https://docs.google.com/document/d/1i2ThvBL6XmdUxkGMZBUeaBJnl2qouGIHIW8mJWiHb4A/edit?usp=sharing

IT	Growth of AR and VR: How gaming tech is evolved to next level by Mr. Arijit Bhattacharya	2022	200	Department of IT , CSE (IOT CSBT) and CSE(IoT)	https://youtu.be/AVvSS3KCWik https://docs.google.com/document/d/1f0AVnM0hGGCDVULpKMpbvSYUVC99uwLI/edit?usp=sharing&oid=103593621695296389013&rtpof=true&sd=true
IT	Cracking CAT and Future	2022	200	Department of IT , CSE (IOT CSBT) and CSE(IoT)	https://youtu.be/PBbiyyOup3I https://docs.google.com/document/d/1S3P8b0QtdZ1kpvfuXSD0K8djYLU0PCf/edit?usp=sharing&oid=103593621695296389013&rtpof=true&sd=true
IT	Impact of Data Science on Information Technology by Mr. Rahul Saha	2022	200	Department of IT , CSE (IOT CSBT) and CSE(IoT)	https://docs.google.com/document/d/1MO3ZICB48HG-kgvXnkgm0Q8_Oh2P8Wab/edit?usp=sharing&oid=103593621695296389013&rtpof=true&sd=true
IT	Journey of A Kolkata based startup from college campus to funding in Shark Tank	2022	200	IEM Entrepreneurship Cell and Department of IT and CSE IoT CSBT	https://docs.google.com/document/d/1ivFG_jRJSMBot65E9LIDr09_CrwtOD1h/edit?usp=sharing&oid=103593621695296389013&rtpof=true&sd=true
IT	ALUMNI TALK ON CAREER GUIDANCE by Spandan Ghosh	2022	200	IEM E-Cell, in association with the Dept. of IT and CSE (IOT CSBT)	https://docs.google.com/document/d/1x8M1qxODc1wxvTyxvzq0ow_tvT-pP4NE/edit?usp=sharing&oid=103593621695296389013&rtpof=true&sd=true
IT	Career Guidance Podcast From Kolkata to Paris by Abhishek Goswami, alumni of IEM (2015 Batch)	2022	200	Department of IT and CSE (IOT CSBT)	https://docs.google.com/document/d/17DplNuWYnsxrTLpdPRHC3gw58lMigohd/edit?usp=sharing&oid=103593621695296389013&rtpof=true&sd=true
IT	'STREAM ANALYTICS' delivered by Mr. Rahul Saha	2022	200	Department of IT , CSE (IOT CSBT) and CSE(IoT)	https://docs.google.com/document/d/1fN7I5HXUNC5v5Tu0TI5AZeFNVxwCpoTL/edit?usp=sharing&oid=103593621695296389013&rtpof=true&sd=true
BCA & M.Sc(CS)	Machine learning for beginners, An introduction to	2021	170	Department of BCA & M.Sc(CS) and Amitava	1FykZvInPMLJCtrirylu2syFW5O5vi4Ek

	neural network using python			Chowdhury, Department of Informatics, The University of Petroleum and Energy Studies, India	
BCA & M.Sc(CS)	WORKSHOP DATA SCIENCE USING PYTHON	2021	174	Department of BCA & M.Sc(CS) and Rajesh Sharma from Ardent Technologies.	1tE-XVPpSntkCis7TIM7oY9gZq9EYRE-r
BCA & M.Sc(CS)	Workshop on Internet Of Things (IOT) and Internet Security	2021	175	Department of BCA & M.Sc(CS) and Ardent Computech Pvt LTD	1yRgoRY1JZUXwKOD2O9rwX60Ujn34nQdO
BCA & M.Sc(CS)	Workshop on Machine Learning with Python	2021	150	Department of BCA & M.Sc(CS) and Ardent Computech Pvt LTD	1BQoft74MpreKb-Xb23oVUMMygbl2qIaI
BCA & M.Sc(CS)	Workshop on Blockchain Technology	2021	122	Department of BCA & M.Sc(CS) and Ardent Computech Pvt LTD	1obe0wvPspSP6d1Ts_7Pk7mOVvAN8RLAc
BCA & M.Sc(CS)	Workshop on Machine Learning with Python	2021	122	Department of BCA & M.Sc(CS) and Ardent Computech Pvt LTD	1LlrYhTmohaEHRpOMGqIZXm2SLecTFeMd
BCA & M.Sc(CS)	Workshop by Cyber Security Shaping A Safer Industry	2021	180	Department of BCA & M.Sc(CS) and Hrithik Lall, Chief Technical Officer, IEMA Research & Development Private Limited(IEM Labs)	1tFE-Iz_nl2wcAphbSz22Xfh2378Y0yQa

BCA & M.Sc(CS)	Workshop on IoT	2022	170	Department of BCA & M.Sc(CS) and Ardent Computech Pvt LTD	1GUu-PdAfuOj5jr8ouDlpS36H_aDvYXn7
BCA & M.Sc(CS)	Workshop on Machine Learning with Python	2022	174	Department of BCA & M.Sc(CS) and Ardent Computech Pvt LTD	1XCoN6MxAcAzzOpfrqIjTjSN_fAXCKCyG
BCA & M.Sc(CS)	Workshop on Python	2022	175	Department of BCA & M.Sc(CS) and WebTek Lab Pvt LTD	1-izAP2vtkO8PNA76DwBbDO_avOrX2l83
BCA & M.Sc(CS)	WORKSHOP ON ANGULAR JS/ REACT JS CLASS	2022	150	Department of BCA & M.Sc(CS) and WebTek Lab Pvt LTD	1hkMsQ4FCQVrTKHkHepnb_TQiTsbikrhvR
BCA & M.Sc(CS)	Workshop on Internet Of Things (IOT)	2022	170	Department of BCA & M.Sc(CS) and Ardent Computech Pvt LTD	1wybXnVEoqytG7Yx0-DmeG8_174uF0eO1N
BCA & M.Sc(CS)	Workshop on Internet Of Things (IOT) and Internet Security	2022	180	Department of BCA & M.Sc(CS) and Ardent Computech Pvt LTD	1BSwGxA49jAhPw17bUkIP9p_xbe6pRroyG

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4. Awareness of trends in technology

Electronics And Communication Engineering	A programmatic Approach to Antenna design and analysis	2022	100	WIE chapter along with IEM ECE Department	https://docs.google.com/document/d/1LZ9R9S8ckW24cRsdKSpExCvN_9k7aN_Q/edit?usp=share_link&oid=106040888050805601057&rtpof=true&sd=true
Electronics And	High Frequency Communication : Recent Trends	2022	120	APS Chapter along with IEM ECE Department	https://docs.google.com/document/d/1LZ9R9S8ckW24cRsdKSpExCvN_9k7aN_Q/edit?usp=share_link&oid=106040888050805601057&rtpof=true&sd=true

Communication Engineering					re_link&ouid=106040888050805601057&rtpof=true&sd=true
Electronics And Communication Engineering	Recent Advancements in Microwave Absorbers	2022	150	APS Chapter along with IEM ECE Department	https://docs.google.com/document/d/12pi3GjzdEJpWAXdzhRiB8XAoAtcm7Wmb/edit?usp=share_link&ouid=106040888050805601057&rtpof=true&sd=true
Electronics And Communication Engineering	Recent Trends on Low Power VLSI	2022	100	CAS Chapter along with IEM ECE Department	https://docs.google.com/document/d/1W3aYQQOAhKFzqv6xYUGOT0s9vLLkORmW/edit?usp=share_link&ouid=106040888050805601057&rtpof=true&sd=true
BCA & M.Sc (CS)	Webinar on Robotics and Advanced Technologies	2021	180	Speaker: Mohammad Farhan Ferdous	https://docs.google.com/document/d/101AcyxmqOufc7c5XRkkl6ofX720AJuGY/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc (CS)	WORKSHOP DATA SCIENCE USING PYTHON	2021	180	Speaker: Rajesh Sharma from Ardent Technologies.	https://docs.google.com/document/d/101AcyxmqOufc7c5XRkkl6ofX720AJuGY/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc (CS)	Technical Webinar on COVID-19 Emergence and Future Trajectory	2021	180	Speakers: 1. Dr Shally Awasthi, Professor, King George's Medical University, Pediatric Pulmonologist, Lucknow, India. 2. Dr Amitava Nandy, Virologist, Former Consultant (WHO), Kolkata, India. 3. Dr Shubhro Bhattacharya, Protocol Officer, Medical Officer, Department	https://docs.google.com/document/d/101AcyxmqOufc7c5XRkkl6ofX720AJuGY/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true

				nt of Family & Welfare, Government of West Bengal, Kolkata, India. 4. Dr Kunal Sarkar, Senior vice chairman & Senior consultant cardiac surgeon, MEDICA Superspeciality hospital, Kolkata, India.	
BCA & M.Sc(CS)	Tech Fest :: NIRVANA'21	2021	175	IEM BCA & M.Sc(CS) Department	https://docs.google.com/document/d/101AcyxmqOufc7c5XRkkl6ofX720AJuGY/edit?usp=share_link&oid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	FDP Cyber Intelligence and awareness on Social media Security	2021	180	IEM BCA & M.Sc(CS) Department	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzby-BISb0wz7x7/edit?usp=share_link&oid=105931754990039356587&rtpof=true&sd=true

2. Language and communication skills

Electronics And Communication Engineering	Workshop for paper writing	2022	100	IEM, ECE Department	https://docs.google.com/document/d/1PrnodD4P-jwToXLeop7SubLroT9ssqQJ/edit?usp=share_link&oid=106040888050805601057&rtpof=true&sd=true
BCA & M.Sc(CS)	Workshop for Soft skill and communication	2021	185	IEM, BCA & M.Sc(CS)	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzby-BISb0wz7x7/edit?usp=share_link&oid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Workshop for Startup Program	2021	180	IEM, BCA & M.Sc(CS)	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzby-BISb0wz7x7/edit?usp=share_link&oid=105931754990039356587&rtpof=true&sd=true

3. Life skills

Electronics And Communication	Exploit Your Mind to Your Benefits	2022	200	IEM ECE Department, Kolkata & Art of Living	https://docs.google.com/document/d/17sFvh_gy5X1MwTVZBtHMK6Y_zEchVbTV/edit?usp=share_link&oid=106040888050805601057&rtpof=true&sd=true
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Engineering					
IEM	International Yoga Day	2022	500	IEM	https://drive.google.com/file/d/1K3yFHkbyZyNtgEo7eJG5vnm7Sq4oV405/view?usp=share_link
Electronics And Communication Engineering	Alternative way of Motherhood	2022	140	IEM ECE Department along with Kolkata Nivedita Shakti	https://docs.google.com/document/d/1Yu3tINTgr18MQBH_aMTdSYTfdMN1RkpS/edit?usp=share_link&oid=106040888050805601057&rtpof=true&sd=true
Electrical and Electronics Engineering	iGEEK	2022	500	EEE with IEEE IEM Student Branch	https://docs.google.com/document/d/1nj8XRE57LP0rSGW0DUK7oFwo2P1tkAUv/edit?usp=sharing&oid=114318545699897853809&rtpof=true&sd=true
Electrical and Electronics Engineering	2 Days Workshop on Machine & Deep Learning	2022	50	EEE with IET-IEM Student Chapter	https://docs.google.com/document/d/1UNdDM7O8lpt9HbMTIVOjLWOAoiquXdyssusLv9VHceQ/edit?usp=sharing
Electrical and Electronics Engineering	Skill-strike 2022	2022	50	EEE with IET-IEM Student Chapter	https://docs.google.com/forms/d/1lzEaF_653RLQrTSMdghjTM7K7YfGXWspSF8gCiLT80A/edit?ts=634fd762
Electrical and Electronics Engineering	Hackathon_Dev Sprint	2022	200	EEE with IEEE IEM Student Branch	https://drive.google.com/file/d/1sLpS4t74hW59yKTgppZFJnASa3P9qZTh/view?usp=share_link
Electrical and Electronics Engineering	Code of duty	2022	500	EEE with IEEE IEM Student Branch	https://drive.google.com/file/d/1t77qO9P6ogQXSylWo12H04q1lYss5gf3/view?usp=share_link

Electrical Engineering	Distinguished Lecturer Series	2021	180	IET(UK)	https://docs.google.com/document/d/1PxTPYAfKuPA3eoeQWpG-kYNWuSWTzXWh/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true
Electrical Engineering	Distinguished Lecturer Series	2021	150	IET(UK)	https://docs.google.com/document/d/1k7IJ7tJeb-VLpv0ZSYid1uU1vKlqtpN9/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true
Electrical Engineering	Distinguished Lecturer Series	2021	170	IET(UK)	https://docs.google.com/document/d/1M669lvkyR_JZXVOM0CFzJ1Em5JcqVexK/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true
Electrical Engineering	Distinguished Lecturer Series	2021	160	IET(UK)	https://docs.google.com/document/d/18bpdgL7nwCvoF2R8L_DskPrVeORYOSNx/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true
Electrical Engineering	Competition	2021	120	IET(UK)	https://docs.google.com/document/d/1EdmqbcT1orrO_2nYzjvXKrlrbPUTU6in/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true
Electrical Engineering	Distinguished Lecturer Series	2021	140	Smart Society, USA	https://docs.google.com/document/d/1leOh6jZ1hIE9-aue6zhkuHceKbQvRU1p/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true
Electrical Engineering	Distinguished Lecturer Series	2021	150	Smart Society, USA	https://docs.google.com/document/d/1XRGrrz0TUZGKQOE9RX_YRihh_G19wi2aF/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true
Electrical Engineering	Distinguished Lecturer Series	2021	140	IEI, India	https://docs.google.com/document/d/13bX0_XuOrtNYVJ96UzWb6mgbBrAc-Y3p/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true
Electrical Engineering	Competition	2021	110	IEI, India	https://docs.google.com/document/d/13bX0_XuOrtNYVJ96UzWb6mgbBrAc-Y3p/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true
Electrical Engineering	Competition	2021	115	IEI, India	https://docs.google.com/document/d/1hV_guF9is8iJ_UyxPYC_aDyvt7vN_ei/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true
Electrical Engineering	Competition	2021	130	IEI, India	https://docs.google.com/document/d/1CzLPumpFUGUnvLpWn_Zi42KfPzfg2Lmu/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true

Electrical Engineering	Competition	2022	300	Smart Society, USA	https://docs.google.com/document/d/1xw5YpM2WRXxFyStFhDOsNG3A-C2yYlrc/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true
Electrical Engineering	Trimentoring	2022	43	IEI, India	https://docs.google.com/document/d/1bt0R2q1j8fEkiWwZUtl46CQZx7o1PLbz/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true
Electrical Engineering	Distinguished Lecturer Series	2022	55	IET(UK) Kolkata Local Network	https://docs.google.com/document/d/1izLt4qxUUA85RIQKCRZr88orGO8n1N/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true
Electrical Engineering	Industry visit	2022	44	IET(UK) Kolkata Local Network	https://docs.google.com/document/d/1pS6PddPWORFu5LZdg3XJuTan_k34jNV/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true
Electrical Engineering	Distinguished Lecturer Series	2022	140	IEI, India	https://docs.google.com/document/d/1iLVdSb6zGkWTZct5niOAXkdNafgywOk7/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true
Electrical Engineering	Distinguished Lecturer Series	2022	110	IEI, India	https://docs.google.com/document/d/17Y-mryoHqGDtck7M-iR47xQI2WSY0OGi/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true
Electrical Engineering	Alumni Talk- 'Cracking Gate and Securing good rank"	2022	48	IEI, India	https://docs.google.com/document/d/1jbrCcifTAL4d4vr6BmC2vacYHgVVj96/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true
Electrical Engineering	Workshop	2022	55	IEI, India	https://docs.google.com/document/d/10vnGsVXJagHtFSTrjSb0CH4pLt0J-Ns9/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true
Electrical Engineering	Workshop	2022	50	IET(UK) Kolkata Local Network	https://docs.google.com/document/d/1DbYHOjDudHuwR5vfWnjCtAJUZ--qj5oM/edit?usp=sharing&oid=107273863232836177643&rtpof=true&sd=true
Electrical Engineering	Competition	2022	15	IET(UK) Kolkata Local Network	
Electrical Engineering	Competition	2022	20	IET(UK) Kolkata Local Network	
Electrical	Competition	2022	50	IET(UK) Kolkata Local Network	

Engineering					
Electrical Engineering	Competition	2022	15	IET(UK) Kolkata Local Network	
Electrical Engineering	Competition	2022	20	IET(UK) Kolkata Local Network	
Electrical Engineering	Competition	2022	10	IET(UK) Kolkata Local Network	
Electrical Engineering	Distinguished Lecturer Series	2022	50	IET(UK) Kolkata Local Network	
BCA & M.Sc(CS)	Distinguished Lecturer Series	2021	180	Life Skill by Sunando Banerjee	https://docs.google.com/document/d/1r7y5HQeSAvITxwXKnR-Dr7GzWT-Jr9Am/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2021	180	Speaker: Komal Parikh	https://docs.google.com/document/d/1gKEhNOpAxJU76t5dDOb2cOgSB0OaJu3L/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2021	175	Speaker: Ayush Paul	https://docs.google.com/document/d/1gKEhNOpAxJU76t5dDOb2cOgSB0OaJu3L/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2021	176	Speaker: Sanchari Chakraborty	https://docs.google.com/document/d/1gKEhNOpAxJU76t5dDOb2cOgSB0OaJu3L/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2021	180	Speaker: Rohan Dutta	https://docs.google.com/document/d/1gKEhNOpAxJU76t5dDOb2cOgSB0OaJu3L/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2021	179	Speaker: Bhuwan Agarwal	https://docs.google.com/document/d/1gKEhNOpAxJU76t5dDOb2cOgSB0OaJu3L/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2021	180	Speaker: Spandan Das	https://docs.google.com/document/d/1gKEhNOpAxJU76t5dDOb2cOgSB0OaJu3L/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA &	Distinguished Lecturer Series	2021	182	Speaker: Wrichik Pal	https://docs.google.com/document/d/1gKEhNOpAxJU76t5dDOb

M.Sc(CS)					2cOgSB0OaJu3L/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2021	178	Speaker: Abhishek Mishra	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzbv-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2022	195	Riya Guhathakurta	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzbv-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2022	195	Spandan Das	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzbv-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2022	196	Ritu Bhalotia	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzbv-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2022	196	Sourav Saha, Nielson	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzbv-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2022	197	Souvik Kar	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzbv-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2022	195	Tamal Baran Bhattacharya	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzbv-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2022	192	Sujay Saha	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzbv-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2022	192	Col. Sengupta	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzbv-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2022	194	Hrittik Lal	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzbv-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA &	Distinguished Lecturer Series	2022	191	Sayantika Sen	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzbv-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true

M.Sc(CS)					k&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2022	199	Raja Mishra	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzby-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2022	196	Brotin Bhattacharya	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzby-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2022	190	Atin Das	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzby-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2022	193	Samyajit Mukherjee	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzby-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2022	195	Rechik Pal	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzby-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2022	193	Rohit Singhal	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzby-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2022	197	Vivek Somani	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzby-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Distinguished Lecturer Series	2022	192	Dr. Siddhartha Sankar	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzby-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Self Defence Workshop	2021	170	Premjit Sen has founded Global Seishinkai Shito Ryu Karate Do Federation	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzby-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Life Skill enhancement Program	2021	180	Chandra Shekhar Kundu	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzby-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Life Skill enhancement Program	2021	175	Col.Prabir Sengupta	https://docs.google.com/document/d/1b-gXcNpl_GZ7TArUalzby-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true

					k&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Art of Living	2021	180	Amrita RayChaudhury ,Maneesha Agarwala(Art of Living)	https://docs.google.com/document/d/1b-gXcNpl_GZ7TAUalzbv-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Life Skill enhancement Program	2021	180	Rahul Basak is a serial entrepreneur, Co-founder and CEO of "Amar Canvas ®", Co-founder and Chief Editor of "My Canvas Talk," Founder and Host of the international podcast "PEP Talks with Rahul".	https://docs.google.com/document/d/1b-gXcNpl_GZ7TAUalzbv-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Life Skill enhancement Program	2021	180	Sunando Banerjee	https://docs.google.com/document/d/1b-gXcNpl_GZ7TAUalzbv-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Life Skill enhancement Program	2021	180	Ms. Jayita Saha , Clinical Psychologist	https://docs.google.com/document/d/1b-gXcNpl_GZ7TAUalzbv-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BCA & M.Sc(CS)	Life Skill enhancement Program	2021	185	Dr Sidharth Shankar(Sidhu of Band Cactus)	https://docs.google.com/document/d/1b-gXcNpl_GZ7TAUalzbv-BISb0wz7x7/edit?usp=share_link&ouid=105931754990039356587&rtpof=true&sd=true
BBA	Soft Skills	15th February 2022	456	Lead Strategic Development Pvt. Ltd, Mobile +91 90733 53033	https://drive.google.com/file/d/14cKoOtk90RnNbG0oF8Eig-ocq2hO6HRO/view?usp=sharing
BBA	Workshop on Data Analytics	18th February 2022	35	Institute of Engineering & Management, Kolkata, BBA Department	https://zoom.us/rec/share/K8a4Q1I01TeL5RY3PBmUO4Lu9zwKlf5_qWagIMeyY8FGMvSoDkRYaCRt4pQ5YFi_7fdnWok1yO5q1Qa0
BBA	Communication Workshop on 'Understanding Communication through discourses of Performing Arts'	16th September, 2021	95	Prof. Sreejit Datta, Assistant Professor, Director of Centre for Civilizational Studies & Resident Mentor; sreejit.datta@gmail.com	https://zoom.us/rec/share/4B4dg1eGuWXGRVRjq007_Zet1Ku828xnKjKQNJd-VYqFaWx70SElqv4Pu0Y3ZFd.OXcszuQsaohclsNG?startTime=1631788266000

BBA	Marketing Conclave	25th September, 2021	72	Institute of Engineering & Management, Kolkata, BBA Department	https://docs.google.com/document/d/1_7H-RN_IUTRabRJahT9FFeZZg6n4jiClij_VdM0UC0/edit?usp=sharing