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JERUSALEM COLLEGE OF ENGINEERING

(An Autonomous Institution, Affiliated to Anna University, Chennai)



ALUMNI ASSOCIATION COMMITTEE

REPORT ON "ALUMNI INTERACTION AND CONTRIBUTION 2023-2024"

DEPARTMENT OF BIOMEDICAL ENGINEERING

REPORT 1: SEMINAR ON "CAREER OPPORTUNITIES FOR BIOMEDICAL ENGINEERS IN INDIA AND ABROAD"

Seminar under the banner of "Alumni interaction series" was organized for the pre-final year students of department of Biomedical Engineering on 25.08.2023 titled "Career Opportunities for Biomedical Engineers in India and Abroad". This forum enabled the interaction of students currently pursuing their graduation in the department of Biomedical Engineering with the alumnus of our department, the students were able to get an opportunity to know about the various career avenues for Biomedical Engineering graduate in India and in abroad countries. Dr. J. Sofia Bobby, Head, Dept. of BME was the Convener and Ms. S. Purnima, Asst. Professor & Alumni Coordinator of the department was the Coordinator of this program.

The details are of the seminar are as follows:

Date of	Title	Resource Person	No. of
Seminar			Participants
25.08.2023	Career Opportunities for Biomedical Engineers in India and Abroad	Mr. Mohamed Farzik. F [Alumnus: 2016 - 2020, BME], Field Service Engineer, New Star Medical Company WLL, Kuwait & Ms. C. Rajajyothi, [Alumnus: 2016 - 2020, BME], Test Automation and Support Engineer, IBM, Kerala, India	55

Brochure:







REPORT 2: ALUMNI TALK ON "ENTREPRENEURIAL SKILLS TO TAKE UP ENTREPRENEURSHIP AS CARRER OPPORTUNITY"

Alumni Talk on "Entrepreneurial Skills to take up Entrepreneurship as Career Opportunity" under the banner of "Alumni interaction series" was organized for the III and IV year students of our department on 14.09.2023. This forum enabled the interaction of students currently pursuing their graduation in the department of Biomedical Engineering with the alumnus of our department, Mr. Gaddy Disney Silva who is currently the Proprietor of Radikal Surgicals and Director of Radikal Medequip Systems", Chennai.

The Alumni Talk was held at Final year Classroom of the Biomedical Engineering department. Dr. J. Sofia Bobby, Head, Dept. of BME was the Convener and Ms. S. Purnima, Asst. Professor & Alumni Coordinator of the department was the Coordinator of this program.

The details are of the talk are as follows:

Date of Alumni	Title	Resource Person	No. of
Talk			Participants
14.09.2023	Entrepreneurial Skills to take up Entrepreneurship as Career Opportunity	Mr. Gaddy Disney Silva [Alumnus: 2005 - 2009, BME], Proprietor, Radikal Surgicals, Chennai & Director, Radikal Medequip Systems, Chennai	68





REPORT 3: PROJECT DAY

Project Day was conducted on 23.02.2024 at the labs of Department of Biomedical Engineering where the third and final year students gave demonstration on the project prototype developed by them. Mr. Gaddy Disney Silva, alumnus of 2005-2009 batch was invited to be the judge for the project work. Dr. V. Jamuna, Dean - Student Affairs & Chaiman - Alumni Association Committee graced the event by her presence during prize distribution. Dr. J. Sofia Bobby, Head, Dept. of BME was the Convener and Ms. S. Purnima, Asst. Professor & Alumni Coordinator of the department was the Coordinator of this program.

Date of Event	Title of event	Guest to judge the event	No. of Participants
23.02.2024	Project Day	Mr. Gaddy Disney Silva [Alumnus: 2005 - 2009, BME], Proprietor, Radikal Surgicals, Chennai & Director, Radikal Medequip Systems, Chennai	63 (17 batches)







REPORT 4: ALUMNI TALK ON "SCOPE OF BIOMEDICAL ENGINEERING"

Alumni Talk on "Scope of Biomedical Engineering" under the banner of "Alumni interaction series" was organized for the I year students of our department on 01.03.2024. This forum enabled the interaction of students currently pursuing their graduation in the department of Biomedical Engineering with the alumnus of our department.

The Alumni Talk was held at First year Classroom of the Biomedical Engineering department. Dr. V. Beula Shanthi John, Head, Dept. Of Science and Humanities & Dr. J. Sofia Bobby, Head, Dept. of BME were the Conveners and Mr. K. Muthuneelakandan, Asst. Professor, Dept. of S&H and Ms. S. Purnima, Asst. Professor & Alumni Coordinator of the Biomedical Engineering department were the Coordinators of this program.

The details are of the talk are as follows:

Date of Alumni Talk	Title	Resource Person	No. of Participants
01.03.2024	Scope of Biomedical Engineering	Mr. S. Sethuraman [Alumnus: 2017 - 2021, BME], IT Support Executive, Sutherland Technologies, Chennai	38





REPORT 5: VALUE ADDED COURSE ON "SIMULATION OF EMBEDDED SYSTEM USING PROTEUS"

Value Added Course was organized for the III year students of our department between 11.03.24 to 15.03.24. The title of the course was "Simulation of Embedded System using Proteus" and was conducted at the department laboratory. The value added course was conducted with an objective to make the students to understand and apply the simulation tools in designing intelligent principle layout, hybrid circuit simulation and accurate analysis, single-chip software debugging, single-chip and peripheral circuit co-simulation, PCB automatic layout and wiring.

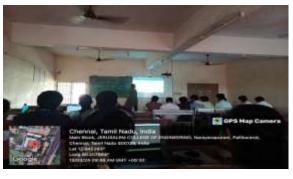
Dr. J. Sofia Bobby, Head, Dept. of BME was the Convener, Ms. V. Mythily, Asst. Professor, Dept. of Biomedical Engineering was the Program Coordinator and Ms. S. Purnima, Asst. Professor, Alumni Coordinator of the Biomedical Engineering department facilitated the program.

The details are of the VAC are as follows:

Duration of Value added Course	Title	Resource Person	No. of Participants
11.03.2024 - 15.03.2024	Simulation of Embedded System using Proteus	Ms. B.Priyanka, [Alumnus : 2016 - 2020, BME], Freelancer, Chennai	55





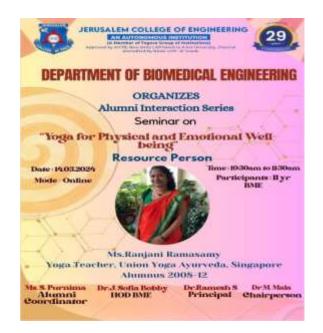


REPORT 6: SEMINAR ON "YOGA FOR PHYSICAL AND EMOTIONAL WELL-BEING"

Seminar under the banner of "Alumni interaction series" was organized for the II year students of department of Biomedical Engineering on 14.03.2024 titled "Yoga for Physical and Emotional Well-being". This forum enabled the interaction of students currently pursuing their graduation in the department of Biomedical Engineering with the alumnus of our department, the students were able to get an opportunity to know about the benefits of practicing and performing yoga for a healthier living. Dr. J. Sofia Bobby, Head, Dept. of BME was the Convener and Ms. S. Purnima, Asst. Professor & Alumni Coordinator of the department was the Coordinator of this program.

The details are of the Seminar are as follows:

Date of Seminar	Title	Resource Person	No. of
			Participants
	Yoga for	Ms. Ranjani Ramasamy,	
14.03.2024	Physical and	[Alumnus : 2008 - 2012, BME],	55
14.03.2024	Emotional Well-	Yoga Teacher, Union Yoga Ayurvedha,	
	being	Singapore	





REPORT 7: SEMINAR ON "A LENS EXPLORING CATH LABS ACROSS THE GLOBE"

The Department of Biomedical Engineering organized a Seminar on "A lens exploring Cath labs across the globe"in collaboration with Professional Bodies-BMESI and IE(I) on 08.04.24 for III years of BME in LH 28. The resource person was Mr.Sedhumadhavan.T.K., Cath Lab Installation Technician-Harish Enterprises, Philips Installation Team, Chennai (an Alumni of 2019-23 batch). This Seminar focuses on Cardiology procedural coding in the cath lab which has heart catheterizations, injection procedures, percutaneous coronary interventions. Cath Lab Technology typically focuses on training individuals to work in

a cardiac catheterization laboratory, commonly known as the Cath Lab. Cath Lab Technology is a specialized area within a hospital or medical facility where Cath Lab Technicians perform diagnostic and interventional procedures to examine and treat cardiovascular conditions.

Dr. J. Sofia Bobby, Head, Dept. of BME was the Convener, Ms. B. Nivetha, Asst. Professor, Dept. of Biomedical Engineering was the Program Coordinator and Ms. S. Purnima, Asst. Professor, Alumni Coordinator of the Biomedical Engineering department facilitated the program.

The details are of the Seminar are as follows:

Date of Seminar	Title	Resource Person	No. of
			Participants
08.04.2024	A lens exploring Cath labs across the globe	MR. K. Sedhumadhavan, [Alumnus : 2019 - 2023, BME], CathLab Installation Engineer	55







DEPARTMENT OF CIVIL ENGINEERING

REPORT 1: MOTIVATIONAL SEMINAR - EXPERIENCES RELATED TO GOVERNMENT EXAMS IN THE CIVIL SERVICE SECTOR

The Department of Civil Engineering organized a motivational Seminar on sharing "experiences related to government exams in the civil service sector" on 07.09.2023. The seminar was delivered by alumnus of batch 2009 – 2013, Mr. Rithesh Assistant Engineer, Highway Department.



REPORT 2: HANDS-ON EXPERIENCES, DEMONSTRATIONS, AND CONSULTATIONS REGARDING VARIOUS WATERPROOFING PRODUCTS AND SOLUTIONS -DR FIXIT EXPERIENCE CENTRE

A Hands-on experiences, demonstrations, and consultations regarding various waterproofing products and solutions was delivered at Dr Fixit Experience Centre by Alumnus of batch 2015-19, Ms.Mithra, In-Charge – DFEC.



DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

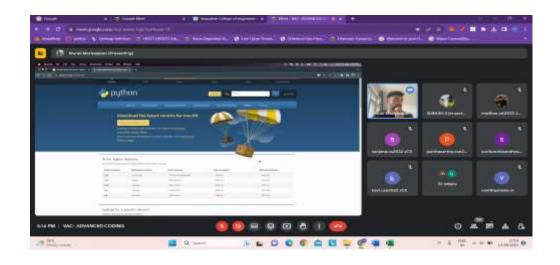
REPORT 1: VALUE ADDED COURSE ON "ADVANCED CODING"

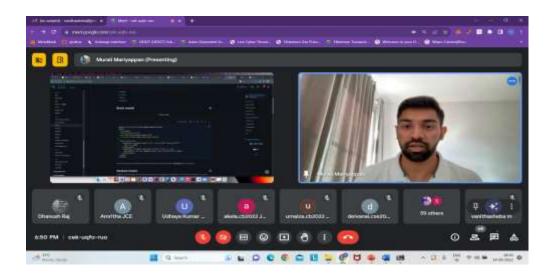
Value Added Course was organized for the II and III year students of our department between 13.09.2023 to 15.09.2023. The title of the course was "Advanced Coding". Dr. Maya Eapen, Head, Dept. of CSE was the Convener, Mrs. M. Vanitha Sheba, Asst. Professor & Alumni Coordinator of Dept. of CSE was the Program Coordinator.

The details are of the VAC are as follows:

Date of Event	Title	Resource Person	No. of Participants
13.09.2023 to 15.09.2023	Value added course on "Advanced Coding"	Mr.Murali Mariappan Senior Software Engineer Spark Networks Services GmBH,Berlin Alumni – CSE: Batch 2013-2017	223







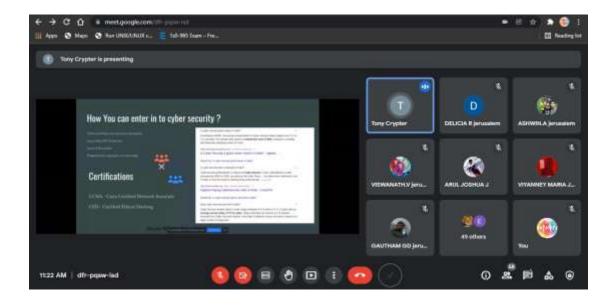
REPORT 2: SEMINAR ON "TRENDING TOOLS FOR ETHICAL HACKING"

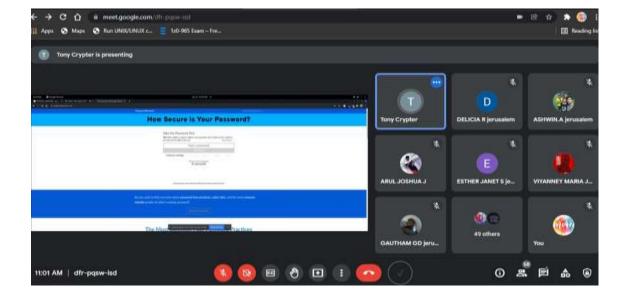
A seminar on "Trending tools for Ethical Hacking" was conducted on 15.03.2024 in online mode. Dr. Maya Eapen, Head, Dept. of CSE was the Convener, Mrs. M. Vanitha Sheba, Asst. Professor & Alumni Coordinator of Dept. of CSE was the Program Coordinator.

The details are of the Seminar is as follows:

Date of Event	Title	Resource Person	No. of Participants
19.03.2024	Seminar on "Trending tools for Ethical Hacking"	Mr. Hariprasath. P Senior Security Engineer, Expleo Group Chennai, Tamil Nadu, India CSE Alumnus - Batch: 2015-19	114







DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

REPORT 1: ALUMNI TALK ON "CAREER KICKSTARTER ORIENTATION"

Ms. Krishna Rajagopal, Alumnus of ECE of batch 2002-2006 who is currently working as Manager in Realtor.com, California had delivered the alumni talk between 10.00 am to 11.00 am on 23.01.24. The topic of discussion was "Career Kickstarter Orientation". The main aim of the talk is to motivate students how to kick start their career and face the real world challenges. She also guided students to be familiar with latest software to and AI based tools to solve real time applications.









REPORT 2: ALUMNI TALK ON "LEADING AND MOTIVATING TEAMS IN THE WORLD OF AI"

Ms Anitha Gunasekeran, Alumnus of batch 2006 to 2010 who is currently working as Senior Associate in J.P. Morgan Chase, Singapore had delivered the alumni talk between 10.00 am to 11.00 am on 29.01.24. The topic of discussion was "Leading and motivating teams in the world of AI". The main objective of the talk is to explore how the advent of AI has taken

the world of business and industry by storm. Starting from a humanoid assistant to an AI CEO. The talk extended to explore how artificial intelligence is presenting a new challenge to humanity. However, addressed to show how anyone can thrive in this changing scenario by adopting suitable leadership techniques and tenets.

She also highlighted essential leadership qualities such as communication skills, emotional intelligence, and empathy. She emphasized the importance of self-esteem, a positive attitude, and accountability in fostering effective leadership. Additionally, she stressed the significance of critical thinking, personal development, and team building. Drawing from her personal experience in IT, she underscored the value of teamwork, management skills, and continuous personal growth in professional success. The students of final years as well as toppers of second and third years—took active participation during this session. The session was very interactive and useful.









REPORT 3: VALUE ADDED COURSE ON "MACHINE LEARNING AND ITS APPLICATIONS"

A one week value added course on "Machine Learning and its Applications" was organized by Department of ECE between 13/02/24 to 17/02/24. Third year students of ECE department attended the value addition program. Mr A Aravindha kumar , Alumnus (2015-2019) working as Associate Data Science Consultant, ZoomRx Healthcare Technology Solutions Pvt Ltd Chennai, has delivered the technical content and handled the hands on session with real time applications.

Over a Five-day value-added course on Machine Learning and its Applications, Mr. Aravind Kumar provided insightful instruction. He demonstrated how to create prompts and use them to automatically generate videos on the Pika website. The course covered essential statistics concepts, including the null hypothesis. Additionally, Mr. Kumar provided a comprehensive overview of data science and practical training in using pandas for data manipulation. The sessions were hands-on, with participants using Google Colab for executing code and practicing the discussed techniques. This intensive course equipped attendees with foundational skills in machine learning and data analysis.









REPORT 4: ALUMNI TALK ON "INTELLIGENT SYSTEMS"

Mr. W. Vimal, an alumnus of Jerusalem College of Engineering from the batch 2020-2023, currently working as an Engineer at Sand Logic, delivered an enlightening talk on "Intelligent Systems." He elaborated on the core principles and technologies behind intelligent systems, emphasizing their ability to learn, adapt, and make decisions based on data. Mr. W.Vimal discussed various applications of intelligent systems, including AI-driven automation, predictive analytics, and smart technologies in everyday devices. His insights highlighted the transformative potential of these systems across multiple industries. He insisted students to explore artificial intelligence computing by getting exposed to Nvidia kits. The talk was both informative and inspiring, providing attendees with a deeper understanding of the advancements and future directions in intelligent systems.







REPORT 5: SEMINAR ON "FUTURE OF UAV"

The Department of Electronics and Communication Engineering and IETE Students Forum (ISF) conducted a seminar titled FUTURE OF UAV on 4th April 2024 for the ECE students. The number of participants was 150. The coordinator for the workshop was Ms. G.T.Bharathy,

Associate Prof., ECE and Ms. T, Tamilselvi, Associate Prof., ECE. Ms. Bhavanisankari, Associate Professor & Alumni Coordinator of the ECE department facilitated the program.

The programme started with a welcome address by the head of the department Dr. Sheeja V Francis. Mr. B. Sunil Kumar, Co-Founder and Director, Rawone Aerospace Ltd (Alumni – 2019-13 batch) and Mr. Jeevarathinam, Co-Founder and Director, Rawone Aerospace Ltd, were the resource person who gave a very detailed talk about drone making and flying. They also showed how to fly a drone practically for all the students. After the seminar the students were given the opportunity to fly the drone under their guidance.











REPORT 6 :CONTRIBUTION OF ALUMNI AS MENTORS AND ENDOWMENT SCHEME SPONSORS 2023-2024





DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

REPORT 1: GUEST LECTURE- TRENDS, CHALLENGES & OPPORTUNITIES IN ONLINE JOB APPLICATIONS

The Department of Electrical and Electronics Engineering organized a Guest lecture on "Trends, Challenges & Opportunities in Online Job Applications" on 08.09.2023. EEE Alumnus of batch 2014-18, Mr. S. IGNESH, HR & Admin Executive, Sterling VDR was the speaker.



REPORT 2: ORIENTATION PROGRAM- TIPS TO CRACK THE GATE EXAM

The Department of Electrical and Electronics Engineering organized an Orientation Program on Tips to crack GATE Exam on 14.09.2023. EEE Alumnus of batch 2007-2011, Mr. S.Shriram, Technical Lead, ABB India Limited, Bangalore was the speaker for the event.



REPORT 3: SMART INDIA HACKATHON

Smart India Hackathon, an event to bring out the talents of young minds in creating prototype of innovative projects was conducted on 15.09.2023. Mr. Gokul. K, Manager, Powertech Control, Chennai, Alumnus of batch 2015-19 was invited as judge for the event.



REPORT 4: INAUGURATION OF ASSOCIATION OF EEE AND ELECTRONICS CLUB

The inaugural function of Association of EEE and Electronics Club was held on 21.09.2023. Ms. M. Arunadevi ,(EEE Alumnus: 2015-19) Senior System Engineer, Jasmine Infotech Pvt. LTD Chennai was invited to be the guest for the event.



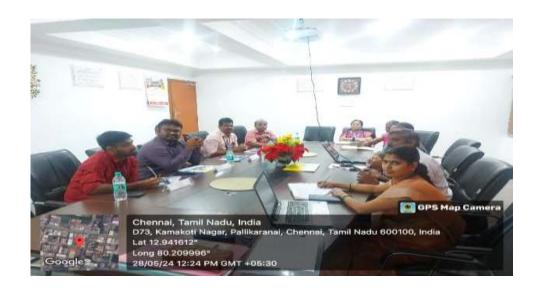
REPORT 5: GUEST LECTURE- JOB OPPORTUNITIES IN EMBEDDED SYSTEMS

The Department of Electrical and Electronics Engineering organized Guest Lecture on "Job Opportunities in Embedded Systems" on 23.11.2023. EEE alumnus of batch 2017-2021, Ms. Divyadharshani, Assistant System Engineer, Jasmine Infotech Pvt. LTD, Chennai.



REPORT 6: REPRESENTATION AT BoS MEETING

The Board of Studies meeting was held on 28.05.2024 for ratification of Regulation 2023. Mr. S. HARISH, (Alumnus: 2013-17) SENIOR SYSTEM ENGINEER, VISTEON, Chennai was present as one of the member representing Alumni and gave valuable inputs towards the refinement of syllabus of Regulation 2023.



DEPARTMENT OF INFORMATION TECHNOLOGY

REPORT 1: "PICRAFT: Unleashing Creativity in Design and Development in Raspberry Pi"

Seminar under the banner of "Alumni interaction series" was organized for the pre-final year students of department of Information Technologyon 23.02.2024 titled "PICRAFT: Unleashing Creativity in Design and Development in Raspberry Pi. This forum enabled the interaction of students currently pursuing their graduation in the department of Information Technology with the alumnus of our department, the students were able to get an opportunity to know about the various IOT raspberry Pi board. Dr. K. Sundaramoorthy, Head, Dept. of IT was the Convener and Ms.K. Shanmuga Priya Asst. Professor & Alumni Coordinator of the department was the Coordinator of this program.

The details are of the seminar are as follows:

Date of Seminar	Title	Resource Person	No. of
			Participants
	"PICRAFT:		
	Unleashing		
23.02.2024	Creativity in	Ms.R.Soniya	60
23.02.2024	Design and	Senior IOT Engineer and Data Analyst	00
	Development in	ZF FREDRICHSHAFEN	
	Raspberry Pi"		





REPORT 2: "QUANTUM QUEST: Java Gaming Frontier"

Alumni Talk on Quantum Quest in java gaming under the banner of "Alumni interaction series" was organized for the III and IV year students of our department on 17.02.2024. This forum enabled the interaction of students currently pursuing their graduation in the department of Information Technology with the alumnus of our department, Mr Arun

The Alumni Talk was held at the Final year Classroom of the Information Technolgy . Dr. K.Sundaramoorthy , Head, Dept. of IT was the Convener and Ms. K.Shanmuga Priya, Asst. Professor & Alumni Coordinator of the department was the Coordinator of this program.

The details are of the talk are as follows:

Date of Alumni Talk	Title	Resource Person	No. of Participants
17.02.2024	"QUANTUM QUEST:Java Gaming Frontier"	Mr. Arun [Alumnus : 2019 - 2023, IT], Technee programmer ENA Game Studio Chennai	60



REPORT 3: ALUMNI TALK ON "Latest Tends in Quadquasar:Full Stack Development

Alumni Talk on "Latest Tends in Quadquasar:Full Stack Development under the banner of "Alumni interaction series" was organized for the III year students of our department on 17.02.2024. This forum enabled the interaction of students currently pursuing their graduation in the department of Information Technology with the alumnus of our departmentt.

The Alumni Talk was held at Third year Classroom of the Information Technology department.

The details are of the talk are as follows:

Date of Alumni	Title	Resource Person	No. of
Talk			Participants
17.02.2024	"Latest Tends in	Mr. Arun Kumar.B	60
	Quadquasar:Full	[Alumnus : 2015 - 2019],	
	Stack	Senior Software Enginer	60
	Development	Freshworks, Chennai	





REPORT 4:" REVOLUTIONIZING DIGITAL EXPERIENCES : EXPLORING DRUPALS IMPACT ON WEB DEVELOPMENT"

Seminar on "Revolutionizing digital experiences: Exploring drupals impact on web development" was held on 02.03.2024. This forum enabled the interaction of students currently pursuing their graduation in the department of Information Technology with the alumnus of our departmentt.

The Alumni Talk was held at Third year Classroom of the Information Technology department.

The details are of the seminar are as follows:

Date of	Title	Resource Person	No. of
Seminar			Participants
	REVOLUTIONIZING		
	DIGITAL	Ms.Preethi	
	EXPERIENCES	Program Analyst Trainer	
02.03.2924	:EXPLORING	Cognizant	59
	DRUPALS IMPACT	Chennai	
	ON WEB		
	DEVELOPMENT"		



DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

REPORT 1: SEMINAR ON "MY ENTREPRENEURIAL JOURNEY"

A seminar on My Entrepreneurial Journey was held on 10.05.2024. Alumnus of batch 2018-2020, Ms.R.Aishwariya, HR, Chegg India Pvt, Ltd., shared her journey of enhancing entrepreneurial skills for reaching height in Business ventures.



REPORT 2: SEMINAR ON "PATH TO SUCCESS"

A seminar on "Path to Success" was held on 10.05.2024. Alumnus of batch 2020-2022, Ms. Jothiga, Reporting Manager at Chennai Airport shared valuable thoughts and experiences for staying motivated to reach success in professional commitment.



REPORT 3: SEMINAR ON "TRENDS IN MARKETING"

A seminar on "Trends in Marketing" was held on 16.05.2024. Alumnus of batch 2010-2012, Ms.VinuSudhakar, LLB at Madras High Court shared her knowledge and experience on curren trends in marketing.



6. Purimone

(Ms. S. Purnima) Member Secretary / AAC

Copy to:

Chairperson for kind information Principal IQAC coordinator amuna V

(Dr. V. Jamuna) Chairman / AAC

