



**(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)**


**S.P.G.Chidambara Nadar - C.Nagammal Campus**


**S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).**

**EVENT REPORT**

Sl. No	Details of the Event	
1	Department	Mechatronics.Engineering
2	Activity (Seminar / Workshop / Conference / FDP / Guest Lecture / Competitions / Sports / Cultural / Exhibition / Cultural Programme/Others (Please specify))	Alumni Guest Lecture
3	Title of the Event	"Career Guidance"
4	Geographical College (State Level / National Level / International Level / College Level / Department Level / Inter Collegiate / Inter Department / Village Level / Town level)	Department Level
5	Theme of the Event	To provide counseling by Alumni to our students to identify and explore the most suitable careers and occupations to start their career in the right direction.
6	Date / Duration	30-09-2023
7	Mode of Delivery	Offline
8	Total Expenditure	/-
9	Funding Agency (ies) (Attach Sanction Letter)	-
10	Sponsor (s)	-
11	Total No. of Participants (Attach list of Participants/Attendance details)	Other State:- Outstation (within Tamilnadu):- Internal:63
12	Publication Type (Proceedings / Edited Book / Technical Note / Handout / Others) (Attach Sample copy)	Handouts attached
13	Publication Title with ISBN	-
	i) No. of Articles Received	-
	ii) No. of Articles Published	-
	iii) No. of Articles Presented	-

14	Joint Organizer	-
15	Resource Persons / Chief Guest / Session Chair with Designation and Official Address (with Phone No. and Email)	:Rilwan Fayas P ,Specialist- Scrum Master, Automotive Domain,TATA Elxsi, Trivandrum
16	Organizing Secretary / Coordinator Name Designation and Official Address	Dr.K.Kannan, Professor & Head, A.Arulkumar, AP/MTRE Department of Mechatronics Engineering
17	Attach the Invitation/Brochure/Circular/Approval letters	Attached
18	Attach Photos (geotagged)	Attached
19	Programme Summary / Short Description of the Activity:	Attached
20	Feedback Analysis Report and Action Taken (If any)	Attached

  
Organizing Secretary / Coordinator

  
HoD / Convener

  
IQAC Coordinator

  
PRINCIPAL

**Dr. T. Pandiselvi, M.E., Ph.D.,**  
Coordinator  
Internal Quality Assurance Cell  
KAMARAJ College of Engineering and Technology  
(Autonomous)  
S.P.G. Chidambara Nadar - C. Nagammal Campus  
S.P.G.C. Nagar, K. Vellakulam - 625 701.  
(Near VIRUDHUNAGAR)

**Dr. S. SENTHIL, M.E., Ph.D.,**  
PRINCIPAL  
KAMARAJ College of Engineering and Technology  
(Autonomous)  
S.P.G. Chidambara Nadar - C. Nagammal Campus,  
S.P.G.C. Nagar, K. Vellakulam - 625 701.  
(Near VIRUDHUNAGAR).



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

S.P.G. Chidambara Nadar - C. Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR)

APPROVAL BOOK

Book No. 3

MIRE

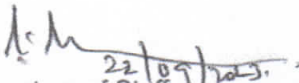
Date 22-09-2023


SL.No. 6

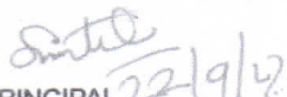
Requesting Permission to Conduct Alumni Guest Lecture on "Career Guidance Programme" for our Mechatronics Engineering Students. on 30-09-2023 (Saturday) Forenoon.

Alumni Resource Person: Rikwan Fajar P., Specialist - Scrum Master - Automotive Domain, TATA Elxsi, Trivandrum.

Proposed budget: Moments for the Chief guest & Refreshment and Lunch.

  
Signature of Staff 22/09/2023

  
HoD

  
PRINCIPAL 22/9/23

OFFICE USE

- |                                    |   |                         |
|------------------------------------|---|-------------------------|
| 1) Account Head                    | : | Association and Seminar |
| 2) Budget allotted                 | : | Rs. 20,000/-            |
| 3) Amount committed / Spent so far | : | Rs. 6,346/-             |
| 4) Balance available               | : | Rs. 13,654/-            |

  
Administrative Officer

  
Secretary



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - G.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

## DEPARTMENT OF MECHATRONICS ENGINEERING

(Accredited by NBA, New Delhi)

KAMARAJ /MTRE /GL /2023-2024

27-09-2023

### CIRCULAR

The Department of Mechatronics Engineering is organizing the Alumni Guest Lecture on "Career Guidance". The details of the programme are as follows:

Date	: 30.09.2023 (Saturday)
Time	: 11.30 a.m. to 1.00 p.m.
Venue	: IT Conference Hall-I
Name of the Resource Person	: Rilwan Fayas P Specialist- Scrum Master Automotive Domain TATA Elxsi, Trivandrum
Topic	: Alumni Guest Lecture on "Career Guidance"
Relevance to PO	: PO1, PO2, PO3, PO4, PO6, PO7, PO8, PO9, PO10, PO11, PO12
Relevance to PSO	: PSO1, PSO2
Event Outcome	: This program enables the students to know about Various Scopes for Mechatronics Engineers in Core industries.

  
Coordinator

  
HoD/MTRE

#### Cc to file

1. IQAC/Administrative office
2. Department Main Notice Board.
3. To be Read in All MTRE Class Rooms.
4. To be circulated to II & III & IV MTRE through their office mail.
5. Department Circular File.

# KAMARAJ

COLLEGE OF ENGINEERING & TECHNOLOGY



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

## DEPARTMENT OF MECHATRONICS ENGINEERING

Organizes

### Alumni Guest Lecture

on

### Career Guidance

for II, III & IV Year MTRE Students

#### Resource Person:

Er. P. Rilwan Fayas,  
Specialist - Scrum Master,  
Automotive Domain,  
TATA Elxsi,  
Trivandrum.

**Date:**  
30.09.2023

**Time:**  
11.30 am to 12.50 pm

**Venue:**  
IT Conference Hall - 1



**Convener**

Dr. K. Kannan  
Professor & Head

**Coordinator**

Mr. A. Arulkumar  
Assistant Professor



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

## DEPARTMENT OF MECHATRONICS ENGINEERING

(Accredited by NBA, New Delhi)

### Report on Alumni Guest Lecture on “Career Guidance”

The Department of Mechatronics Engineering of Kamaraj College of Engineering & Technology organized a Alumni Guest Lecture on “Career Guidance “on 30th September of 2023 for II, III & IV Year Mechatronics Students.

The Guest Lecture started 11:30 AM at IT Conference Hall-I. Dr.K.Kannan, Professor& HoD/MTRE gave a warm cordial welcome and introduced the resource person alumnus Rilwan Fayas to Mechatronics Engineering Students and Faculties.

The main theme of the guest lecture is to provide counseling by Alumni to our students to identify and explore the most suitable careers and occupations to start their career in the right direction. This enables them with opportunities to develop research skills and become better problem solvers. Therefore they are able to plan their own career paths, based on the skills that they have gathered during the programme of study.

The resource person highlighted after completing engineering, final year students have several options to consider based on their interests, career goals, and personal circumstances. He mentioned some of the common directions that final year engineering students might pursue are higher Studies, Job Search, and Entrepreneurship.

He advised the students to attend workshops or short courses on emerging technologies and industry-specific skills to strengthen their skills. He advised the students to attend seminars, conferences, and networking events to meet professionals in your field and learn about opportunities available for mechatronics engineering.

A total of 63 students participated in this workshop. The III Year Student Saroj Kanna proposed a formal vote of thanks.

Co-Ordinator

HoD/MTRE



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

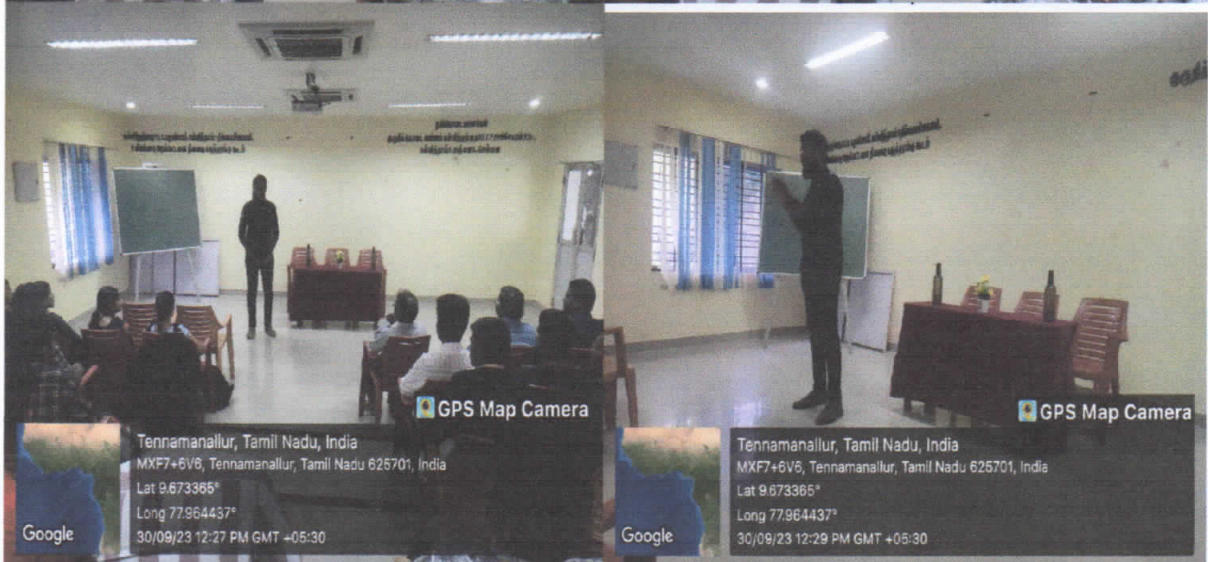
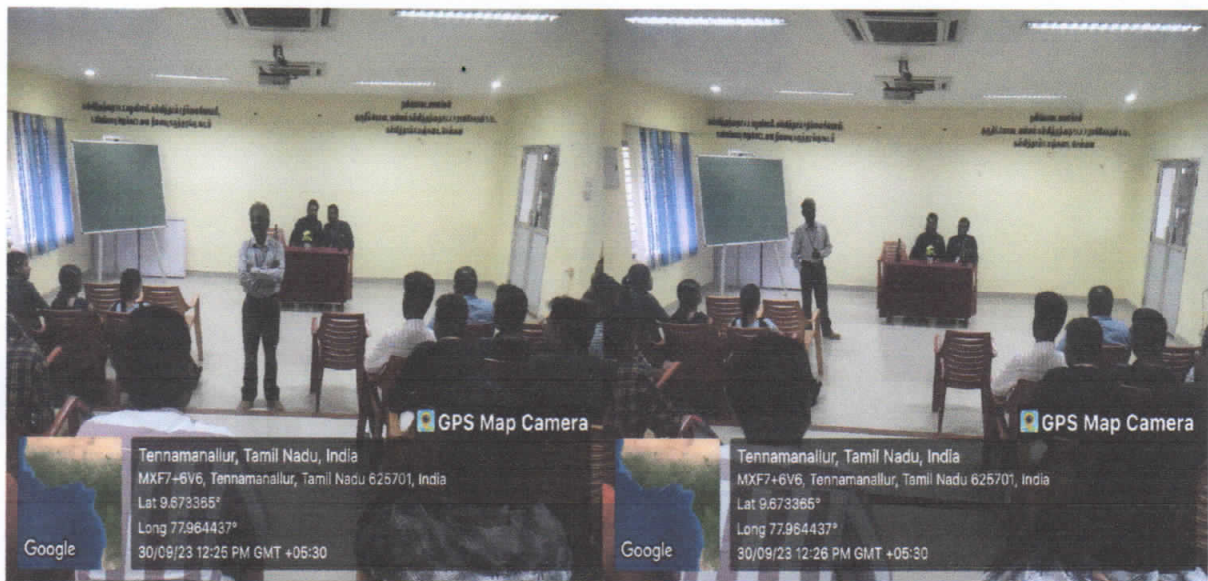
S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

## DEPARTMENT OF MECHATRONICS ENGINEERING

(Accredited by NBA, New Delhi)

Name of the Event: Alumni Guest Lecture on “Career Guidance”

Date of the Event: 30-09-2023



  
Co-Ordinator

  
HoD/MTRE



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)  
 S.P.G.Chidambara Nadar - C.Nagammal Campus  
 S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

**DEPARTMENT OF MECHATRONICS ENGINEERING**  
 (Accredited by NBA, New Delhi)  
 Guest Lecture on "Career Guidance"

Attendance Sheet 30.09.2023

S.No	Roll.No	Students Name	Department Name	Year	Signature
1	20UMT007	R. Ramaraj	MTR	IV	R. Ramaraj
2	20UMT016	ESAKKIANAND.R	MTR	IV	R. Aruj
3	20UMT003	GEM RELTON R	MTR	IV	GEM RELTON R
4	20UMT014	P.krishnakumar	MTR	IV	P.krishnakumar
5	20UMT009	V. Anandkrishnan	MTR	IV	V. Anandkrishnan
6	20UMT005	S. Karthikeyan	MTR	IV	S. Karthikeyan
7	20UMT015	V. HARISH RAMACHANDRA	MTR	IV	V. HARISH RAMACHANDRA
8	20UMT013	K. Harish Babu	MTR	IV	K. Harish Babu
9	20UMT006	K. Sakthibala	MTR	IV	K. Sakthibala
10	20UMT012	R. Manikandan	MTR	IV	R. Manikandan
11	21UMT015	B. Harisharan	MTR	III	B. Harisharan
12	21UMT033	K. Anun Peratop	MTR	III	K. Anun Peratop
13	21UMT034	K. Dinesh	MTR	III	K. Dinesh
14	21UMT012	R. Siva Srinivas	MTR	III	R. Siva Srinivas
15	21UMT031	K. Sathish Kumar	MTR	III	K. Sathish Kumar
16	21UMT028	C.S. Mithun Kumar	MTR	III	C.S. Mithun Kumar
17	21UMT025	V. Aravindh	MTR	III	V. Aravindh
18	21UMT001	T.S. Jegadish Pandey	MTR	III	T.S. Jegadish Pandey
19	21UMT030	D. Krishna Kumar	MTR	III	D. Krishna Kumar
20	21UMT004	B. Parvatharajan	MTR	III	B. Parvatharajan
21	21UMT016	P. Subash Chandru	MTR	III	P. Subash Chandru
22	21UMT029	S. Aravind Perumal	MTR	III	S. Aravind Perumal
23	21UMT020	C. Lakshman Hari	MTR	III	C. Lakshman Hari
24	21UMT024	Karuna Sagar T	MTR	III	Karuna Sagar T
25	21UMT007	T.S. Manavathi	MTR	III	T.S. Manavathi
26	21UMT032	Gokilam. K. G	MTR	III	Gokilam. K. G
27	22UMT008	K. Hari Rajan.	MTR	II	K. Hari Rajan.
28	21UMT003	K. Sri Ramachandran	MTR	III	K. Sri Ramachandran
29	21UMT012	S. Aravindha Kumar	MTR	III	S. Aravindha Kumar
30	21UMT022	A. Mitesh	MTR	III	A. Mitesh





(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

## DEPARTMENT OF MECHATRONICS ENGINEERING

(Accredited by NBA, New Delhi)

### Guest Lecture on "Career Guidance"

Attendance Sheet

30.09.2023

S.No	Roll.No	Students Name	Department Name	Year	Signature
31	21UMT009	R.Bharathi	Mechatronics	III	R.Bharathi
32	21UMT014	S.Mohammed Ammar	mechatronics	III	S.Mohammed Ammar
33	22UMT023	BALAJI.C	MTR E	II	BALAJI.C
34	22UMT015	MADHAN KUMAR.R	MTR E	II	MADHAN KUMAR.R
35	22UMT011	SANTHOSH RAJ.S	MTR E	II	SANTHOSH RAJ.S
36	22UMT005	TOTHEESWARAN.A	MTR E	II	TOTHEESWARAN.A
37	22UMT017	VJAY.R	MTR E	II	VJAY.R
38	22UMT016	Shiva.R	MTR E	II	Shiva.R
39	22UMT003	Isac Stephen.V	MTR E	II	Isac Stephen.V
40	22UMT002	Bibeks Noble.AP	MTR E	II	Bibeks Noble.AP
41	22UMT009	Guchaneswarar.S	MTR E	II	Guchaneswarar.S
42	22UMT010	S.Muthu Jeya Sundar	MTR E	II	S.Muthu Jeya Sundar
43	22UMT028	Gokul.S	MTR E	II	Gokul.S
44	22UMT014	S.PRIYADHARSHAN	MTR E	II	S.PRIYADHARSHAN
45	22UMT029	M.Sanjay Kumar	MTR E	II	M.Sanjay Kumar
46	22UMT020	K.Sai Ram Narayanan	MTR E	II	K.Sai Ram Narayanan
47	22UMT006	R.Mathiya Vedha Niranjana	MTR E	II	R.Mathiya Vedha Niranjana
48	22UMT007	A.Sai Ram	MTR E	II	A.Sai Ram
49	21UMT027	KESAVKI BALAKARTHIK	MTR	III	KESAVKI BALAKARTHIK
50	21UMT006	Gini.P	MTR	III	Gini.P
51	21UMT023	G.A.Poisollan	MTR	III	G.A.Poisollan
52	21UMT013	J.Saroj Kanna.	MTR	III	J.Saroj Kanna.
53	21UMT021	V.MUTHUPANDI	MTR	III	V.MUTHUPANDI
54	21UMT026	RAJIVISHNU	MTR	III	RAJIVISHNU
55	21UMT018	RA.K.SivanesaKaarthik	MTR	III	RA.K.SivanesaKaarthik
56	22UMT001	Sashwanth.S	MTR	II	Sashwanth.S
57	22UMT024	PARTHIBAN.M	MTR	II	PARTHIBAN.M
58	22UMT026	Yogacharan.B	MTR	II	Yogacharan.B
59	22UMT029	Sangam Bhawanar.B	MTR	II	Sangam Bhawanar.B
60	22UMT022	RATHIKA SHREE.B	MTR	II	RATHIKA SHREE.B
	22UMT012	LOGA ANJANA	MTR	II	LOGA ANJANA
	22UMT012	RAGAVARSHINI	MTR	II	RAGAVARSHINI
	22UMT009	SANGEETHA LAKSHMI	MTR	III	SANGEETHA LAKSHMI



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

**DEPARTMENT OF MECHATRONICS ENGINEERING**

(Accredited by NBA, New Delhi)

Ref. No. : KAMARAJ/MTRE/GL /2023-2024

25-09-2023

To

Rilwan Fayas P  
Specialist- Scrum Master  
Automotive Domain  
TATA Elxsi, Trivandrum

Dear Alumnus,

Sub: Invitation to be a Resource Person – Alumni Guest lecture on - “Career Guidance”– Mechatronics Engineering Department- Kamaraj College of Engineering and Technology - Reg.

We are pleased to inform you that the Department of Mechatronics Engineering of Kamaraj College of Engineering & Technology is conducting a Alumni Guest Lecture on “Career Guidance” on 30<sup>th</sup> September 2023. In this regard, we cordially invite you as resource person for the above program on 30<sup>th</sup> September 2023.

Thank You,

Yours faithfully,

**HoD/MTRE**

**Dr. K. KANNAN, M.E., M.E., Ph.D.,**  
Professor & Head,  
Department of Mechatronics,  
Kamaraj College of Engineering And Technology,  
VIRUDHUNAGAR - 626 001



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

**DEPARTMENT OF MECHATRONICS ENGINEERING**

(Accredited by NBA, New Delhi)

Ref: KCET/MTRE/GL /2022-23

30.09.2023

**From**

Dr.K.Kannan,  
Professor & HoD/MTRE,  
Kamaraj college of Engineering and Technology.  
Madurai.

**To**

Rilwan Fayas P  
Specialist- Scrum Master  
Automotive Domain  
TATA Elxsi, Trivandrum

**Dear Alumnus,**

Greetings!

On behalf of Mechatronics Engineering department of Kamaraj College of Engineering and Technology, I take immense pleasure to thank you for your informative Guest Lecture on "Career Guidance" given to participants of **Mechatronics Engineering Students on 30.09.2023(Saturday)**.

Thank You,

**Yours faithfully,**

**HoD/MTRE**

**Dr. K. KANNAN, M.E.,M.E.,Ph.D.,**  
Professor & Head,  
Department of Mechatronics,  
Kamaraj College of Engineering And Technology,  
VIRUDHUNAGAR - 626 001.



2. Enter Your Roll Number

51  
Responses

Latest Responses

"22umt008"

"22umt016"

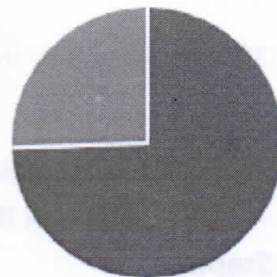
"22umt028"

2 respondents (4%) answered 21umt033 for this question.

21umt004 21umt009 20UMT013 21umt013 21um  
 21umt026 21umt022 21umt024 21umt033 21umt034 21  
 21umt031 20umt007 22umt010 21umt007 21umt01!  
 21umt027 21umt017 21umt023

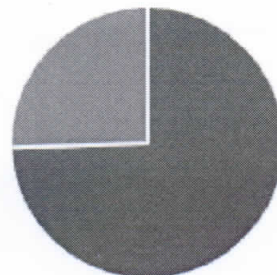
3. Did this session most assistance with job search and potential areas of recruitment?

- Strongly Agree 38
- Agree 13
- Disagree 0
- Strongly disagree 0



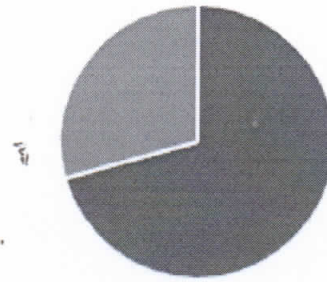
4. Did this session helpful to increase your Concentration in studies and health conscious?

- Strongly Agree 38
- Agree 13
- Disagree 0
- Strongly disagree 0



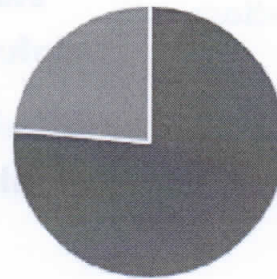
5. Did the session is helpful to prepare for a core placements?

● Strongly Agree	36
● Agree	15
● Disagree	0
● Strongly disagree	0



6. Did you think the alumni network is important to get core placements ?

● Strongly Agree	39
● Agree	12
● Disagree	0
● Strongly disagree	0



7. Any other suggestions ?

46  
Responses

Latest Responses

"Improve industrial knowledge by more alumni meeting."

"Alumini speach is very useful for us."

"-"

○ Update

7 respondents (14%) answered **Good** for this question.



*A. h.*  
Co-ordinator

*A. A.*  
HOI/MIRE

5. Did the session is helpful to prepare for a core placements?  
\*


- Strongly Agree
- Agree
- Disagree
- Strongly disagree

6. Did you think the alumni network is important to get core placements ? \*

- Strongly Agree
- Agree
- Disagree
- Strongly disagree

7. Any other suggestions ? \*

Needed more like this

  
Co-ordinator

  
HOD/MTRE



View results

Respondent

19 MOHAMMED AMMAR.S

00:57

Time to complete

1. Name of the Student \*

S.mohammed ammar

2. Enter Your Roll Number \*

21umt014

3. Did this session most assistance with job search and potential areas of recruitment? \*

- Strongly Agree
- Agree
- Disagree
- Strongly disagree

4. Did this session helpful to increase your Concentration in studies and health conscious? \*

- Strongly Agree
- Agree
- Disagree
- Strongly disagree

5. Did the session is helpful to prepare for a core placements?  
\*


- Strongly Agree
- Agree
- Disagree
- Strongly disagree


6. Did you think the alumni network is important to get core placements ? \*

- Strongly Agree
- Agree
- Disagree
- Strongly disagree

7. Any other suggestions ? \*

It was informative

  
Co-ordinator -

  
HOD/MITRE

View results

Respondent  
13 PARVATHARAJAN,B

01:46  
Time to complete

1. Name of the Student \*

Parvatha rajan

2. Enter Your Roll Number \*

21umt004

3. Did this session most assistance with job search and potential areas of recruitment? \*

- Strongly Agree
- Agree
- Disagree
- Strongly disagree

4. Did this session helpful to increase your Concentration in studies and health conscious? \*

- Strongly Agree
- Agree
- Disagree
- Strongly disagree

5. Did the session is helpful to prepare for a core placements?  
\*


- Strongly Agree
- Agree
- Disagree
- Strongly disagree


6. Did you think the alumni network is important to get core placements ? \*

- Strongly Agree
- Agree
- Disagree
- Strongly disagree

7. Any other suggestions ? \*

It's very helpful

  
Co-ordinator

  
HOD/MIRE

View results

Respondent

11 HARIHARAN.B

01:22

Time to complete

1. Name of the Student \*

2. Enter Your Roll Number \*

3. Did this session most assistance with job search and potential areas of recruitment? \*

- Strongly Agree
- Agree
- Disagree
- Strongly disagree

4. Did this session helpful to increase your Concentration in studies and health conscious? \*

- Strongly Agree
- Agree
- Disagree
- Strongly disagree

5. Did the session is helpful to prepare for a core placements?  
\*

- Strongly Agree
- Agree
- Disagree
- Strongly disagree


6. Did you think the alumni network is important to get core placements ? \*

- Strongly Agree
- Agree
- Disagree
- Strongly disagree

7. Any other suggestions ? \*

Good

  
Co-ordinator

  
HOD/MTR

View results

Respondent  
10 BHARATHI.R

01:24  
Time to complete

1. Name of the Student \*

R.Bharathi

2. Enter Your Roll Number \*

21umt009

3. Did this session most assistance with job search and potential areas of recruitment? \*

- Strongly Agree
- Agree
- Disagree
- Strongly disagree

4. Did this session helpful to increase your Concentration in studies and health conscious? \*

- Strongly Agree
- Agree
- Disagree
- Strongly disagree

5. Did the session is helpful to prepare for a core placements?  
\*


- Strongly Agree
- Agree
- Disagree
- Strongly disagree


6. Did you think the alumni network is important to get core placements ? \*

- Strongly Agree
- Agree
- Disagree
- Strongly disagree

7. Any other suggestions ? \*

time allotment can be extended

  
Co-ordinator

  
HOD/MIRE



## Crafting a Successful Engineering Career



-Rilwan Fayas P,

## Engineering as a Career

- What is your Goal in life ?
- Why did you join Engineering ?



## Some reasons for joining Engineering

- "Parents wanted me to be an engineer"
- "After 12<sup>th</sup> either you become doctor or Engineer I was not cut out for doctor so I choose engineering . Nor did I want to do BSc."
- Challenges, Curiosity, Excitement
- Money, Travel, Status
- To make a difference in the world, to change the way things work
- Want a job in big company
- "I want to start something of my own (entrepreneurship)"

## How do YOU define Success ?

- Do you want to get rich ?
- Do you just want a job with decent pay ?
- Do you want to change the world ?
- You may go 10-20 years without answering these questions but eventually you have to
- Set yourself for Success according to your own metrics from the start

## No one formula for Success

- Engineering is a field that requires many people with different skills to work together to solve complex problems in a simple way.
- Like best engineering problems, there's no single algorithm to follow
  - But there are "Best Practices"
  - There are Things To Avoid
- Do not make all mistakes yourself
  - Learning from other's errors is much better



## Getting Started

- What are you passionate about? Do that.
  - *Mere competence will never trump real passion*
  - Match your skills, interest to what world wants
- Your answers will change with time
  - Let career evolve
  - You can find career value in any job
    - Just do outstanding work no matter the task
    - It is mostly the choice you make not talent or IQ



## Which Job to Take ?

- Look 20 years out & place your career as a bet
  - Which technologies or business domains are most powerful/promising?
  - Biotech, IT, Clean Energy, Health Care, Telecom, Micro Finance
- Which line up with your personal belief system?
  - Defense, medicine, consumer, corporate, academia



## Startups v/s Big Corporates

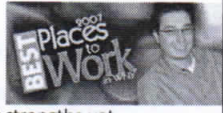
IBM

- Good idea to do both over course of your career
- Startups are easier when you're young
  - More time, more energy, less to lose
  - Startups can sometimes change world explosively
    - But most fail
    - Less overall stability
- Big companies have more opportunities to change world incrementally
  - Remember that those increments can add up over time
  - More stable, but sometimes that also means boring
- Both can be exhilarating, and both can be very frustrating



### Getting Hired

- Where to work
  - Weight these factors heavily:
    - Do you believe in the mission
    - How outstanding is the team
    - How well-run is the company
    - Would this position leverage your strengths yet demand intellectual growth
    - Geography, local culture, educational opportunities
- Then consider salary, bonuses, stock, benefits



### Your First Job

- No matter what it is, become best in world at it
  - Plan on 2-3 years to get really comfortable & productive
- Work as hard as you can
  - You are setting your own reputation & trajectory
  - Only Top Performers have choice of options for next project
  - Find mentors & role models (don't struggle in silence)
- Don't Let Your Team Down
  - Know when to stand your ground v/s which battles aren't worth fighting
- Settle for nothing less than outstanding work.



### Building your Career

- Focus on YOU
  - Know your career path
    - Individual Contributor v/s Management
  - Technology changes rapidly, keep yourself updated
    - Look for trainings, attend workshops
- Focus on the Company
  - Align your career to what the company cares about



### Building your Career - Resources

- Your Alma Matter – stay connected
- IEEE/ACM – Participate and Network
- Books – Read outside your specialty
- Balancing Work and Home



## Getting Ahead in Your Job

- Communications = Influence = Promotions
  - Writing
  - Presentations
- Corporate/team culture
  - Overpromising v/s over delivering
  - Team play v/s getting what's yours
  - Detecting /avoiding burnout
  - Use existing solutions where possible, innovate where necessary
- Legal Stuff
  - Take patents, IP very seriously; wording matters

## Getting Ahead in Your Career

- Do outstanding work and trust that rewards will follow
  - How ?Work with people who do outstanding work
- Be visible outside your own company
  - Good for company, good for industry, good for you
  - Write papers, attend conferences, do peer reviews
  - Be active in IEEE/ACM



## Technical Leadership

- Take on hard challenging problems at work
- Be a go-to person
- Gain depth in technology / business domain at your job



## Leadership

- 360 degree Leadership
  - Leading above, below and at your level
- Know your strengths and weakness
  - Leverage strengths
  - Fill in weaknesses



## Dealing with Failures

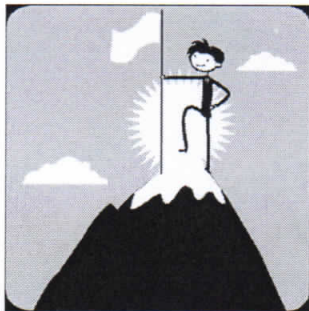
- If you never fail you aren't trying hard enough
- Not all failures equally forgivable
  - Well-conceived risks: good
- Learn from your failures
  - Do not blame others
  - Own up and take responsibility



## Education

- B.Tech, M.Tech/MBA, PhD
  - PhD required for research
- Stay viable & current
  - Ongoing education/training
  - Go to conferences, monitor what universities are working on
  - IEEE membership & participation
    - Review papers, submit papers, attend conferences, be active in local organizations (networking & cont. educ.)
- Don't give up your non-engineering interests
  - They will inform your engineering
  - They'll keep you connected to the non-techie world
  - They'll keep you from burning out

## Successful Mechatronics Engineering Career



## Thank You !

- Q & A
- Contact Info
  - Phone:9791858710
  - Email : fayaa22112@gmail.com

