



Alva's Air Wing NCC (Flight - B)
Moodbidri - 574227
6 Kar AIR SQN NCC, Mangalore



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 Email: ano.alva.6kar.air.ncc@gmail.com

No. 52/P/1711 - B NCC

By E-mail Only
 Alva's College
 Shobhabana Campus, Mija
 Moodbidri - 574225

24 Sept 2019

To
 Principal,
 1st Mijar,
 Moodbidri.

PERMISSION FOR NCC CADETS TO ATTEND TALK ON
USAGE OF HAM RADIO DURING DISASTER MANAGEMENT

1. With respect to above subject, dept. of ECE is organizing talk on use of Ham Radio during disaster management.
2. As a curriculum of NCC, they have the disaster management topic and role of NCC cadet during disaster management. This program will help NCC to understand one of the activity during DM.
3. Hence kindly requested to allow the cadets to attend the talk from 2:30 Pm at MBA seminar hall on 24 Sept 2019.

Thanking you,

Yours' Sincerely

(Parveez Shariff B.G.)
 Flying Officer
 Associate NCC Officer



Copy to:

1. Deans
 2. AO
 3. HODs
 4. Wardens
- FG OFFR PARVEEZ SHARIFF B.G.**
ASSOCIATE NCC OFFICER
6 KAR AIR SQN NCC MANGALORE
ALVA'S EDUCATION FOUNDATION (R.)
MOODBIDRI

PRINCIPAL
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225, D.K

HAMS RADIO COMMUNICATION DURING DISASTER MANAGEMENT

On 24th September there was a guest talk on HAMS Radio communication during disaster management by the founder of Indian Institute of Hams Dr.Shankar Sathyapal VU2FI.

The program was organized by the Department of ECE, AIET in which 29 cadets Air wing Flt – B of 06 Kar Air Sqn NCC took part in the talk, to understand how to setup communication link during disaster management.

Dr. S Sathyapal is the managing trustee & Director (admin) & Officer Commanding (communications) Directorate of Civil Defense. He got two Rajiv Gandhi national awards and gold medal for his service and he was awarded the engineering excellence awards. INDIAN INSTITUTE OF HAMS (IIH) was established as a registered trust in 1993 for promoting amateur (HAM) radio in India.

What is amateur radio (HAM Radio)?




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6 KAR AIR SQN NCC MANGALORE
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Amateur Radio (ham radio) is a popular hobby and service that brings people, electronics and communication together. People use **ham radio** to talk across town, around the world, or even into space, all without the Internet or cell phones.

HAM radio operators need to pass an examination for the license. The syllabus for the examination is **Electronics theory** i.e, basic electronics, Receivers and transmitters, Antennas and wireless transmission, wave propagation.

He various activates he carry out as follows,

- Field days to train Ham operations to setup and handle effective communications during disasters are conducted at regular intervals.
- Demonstrations, lectures, slide and video presentation programming are conducted at various educational institutional and social organizations as and when called for.
- Seminars, workshops and mock drills are conducted periodically.
- Fox Hunts (Radio direction finding) are organized almost every year.
- Quiz-on-air program.
- Electronics assembly workshops.

HAM Radio doesn't need internet to communicate, it just need a good line of sight. During disasters the internet may not work properly but the HAM radio can. There is a team called HAM action force in which the team members use HAM radios to communicate and help the people. All things are permitted to talk over the HAM radio

The term HAM is a person, who is deeply interested on radio communication, setting up their own private radio station in their home, conducts experiments and develops global experience. We can communicate people from all over the world by setting frequency bands like VHF, UHF, HF. There will be a specific code language to communicate the hams of different places and different languages.

There will be certain call signs for different people and different countries. The call sign for :-
Australia – VK; Japan – JA1, JA2, JA3; USA - AAA-ALZ, KAA-KZZ, NAA-NZZ, WAA-WZZ.



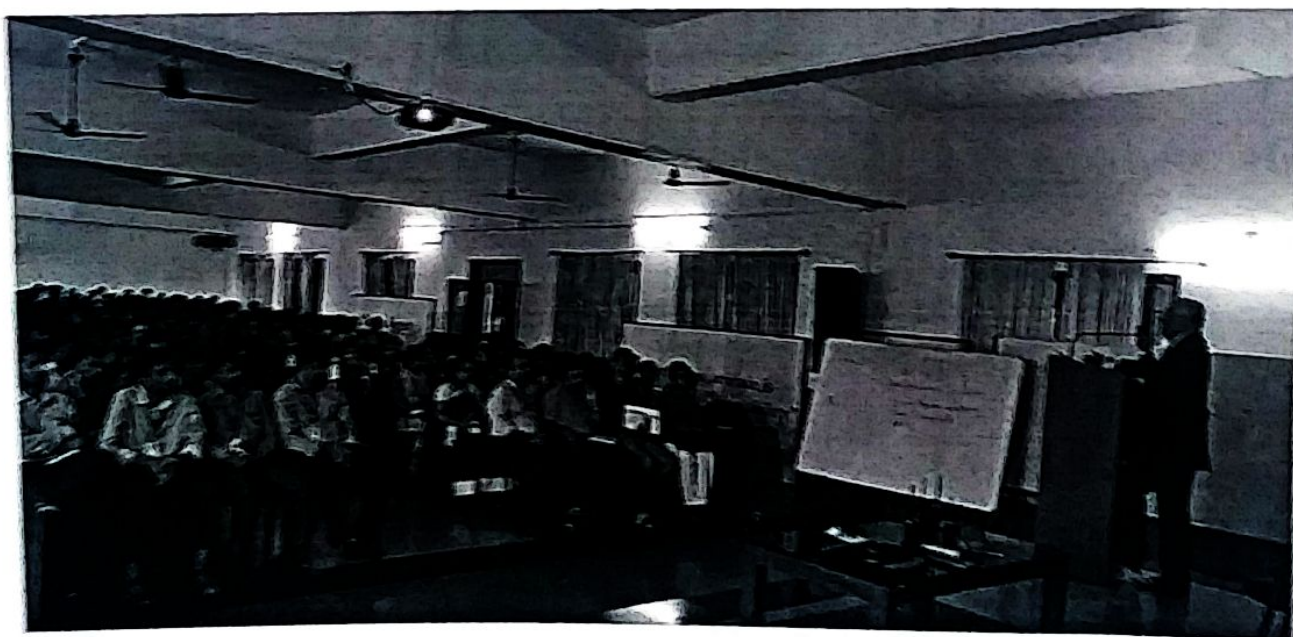
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He also briefed about Morse code. Morse code is a character encoding scheme used in telecommunication that encodes text characters as standardized sequences of two different signal durations called dots and dashes or dits and dahs. Morse code is named for Samuel F. B. Morse, an inventor of the telegraph.

Morse code :- dots and dash

A	• —	M	— — —	Y	— • — — —
B	— • • •	N	— •	Z	— — — • •
C	— • — • •	O	— — — —	1	• — — — — —
D	— • •	P	• — — — •	2	• • — — — —
E	•	Q	— — — • •	3	• • • — — —
F	• • — • •	R	• — • •	4	• • • • —
G	— — — •	S	• • •	5	• • • • •
H	• • • •	T	— —	6	— • • • •
I	• •	U	• • —	7	— — • • • •
J	• — — — —	V	• • • —	8	— — — — • •
K	— • — —	W	• — — —	9	— — — — — •
L	• — • • •	X	— • • • —	0	— — — — — —

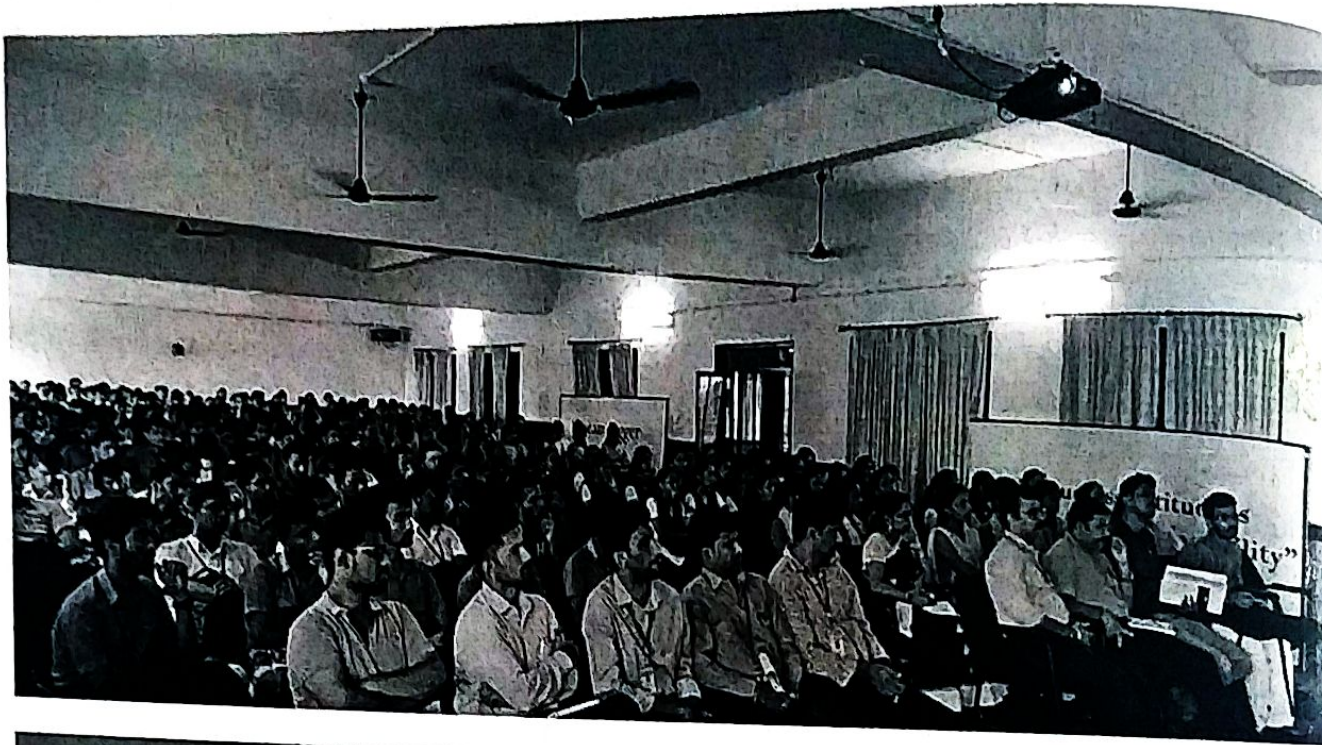
Dr. Shankar Sahyapal VU2FI explaining about HAMS Radio communication.




(Signature)

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ASSOCIATE NCC OFFICER
6 KAR AIR SQN NCC MANGALORE
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Students and staff of AIET gathered for the guest talk by Dr. Shankar Sathyapal
VU2FI




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INSTITUTIONAL TRG ACTIVITY AND
separate sheet for different Batches and/or subject/ activity. DONOT club different batches/activity in one sheet.

COMMON / NCC ACTIVITY	Code (As per Syllabus)	Duration
		2 : 30

Special / COMMON / NCC / Other : _____
Topic : Talk on HAM or Disaster management
Subject : _____
End : 12:00 hrs | Instructor ANO/ PI staff : Eg of the Form B.

Subject: _____
Time Start: 14:30 hrs End: 16:00 hrs
ELT / TPA

Instructor ANO/ PI staff: Dr. Pomeroy

FLT / TP ATTENDANCE SUMMARY
MENU FOR

SUMMARY

MENU FOR REFRESHMENTS


	<u>Allotted</u>	<u>Enrolled</u>	<u>Present</u>	<u>Absent</u>
O / JD	43	43	13	
V / JW	20	20	09	
TOTAL	63	63	22	

RECORD OF CADETS IN ATTENDANCE

RECORD OF UP CADER			Cdts' Name
I No	Regimental No.	Rank	
1.	KAR/19/SD/F/170801	CDT	SANATH K AMIN
2.	KAR/19/SD/F/170802	CDT	DHEEMANTH A S
3.	KAR/19/SD/F/170803	CDT	SUMANTH PATEL S R
4.	KAR/19/SD/F/170804	CDT	MOHAMMED SUHAIB
5.	KAR/19/SD/F/170805	CDT	PARAMESH C
6.	KAR/19/SD/F/170806	CDT	PRITHVI P A
7.	KAR/19/SD/F/170807	CDT	MAHAMMD EMRAN
8.	KAR/19/SD/F/170808	CDT	ABHISHEK S
9.	KAR/19/SD/F/170809	CDT	YESHWANTH BA
10.	KAR/19/SD/F/170810	CDT	RISHAB. V
11.	KAR/19/SD/F/170811	CDT	PRUTHVI RAJ D A
12.	KAR/19/SD/F/170812	CDT	SHRIKARA R M
13.	KAR/19/SD/F/170813	CDT	RAKSHITH M A
14.	KAR/19/SD/F/170814	CDT	NITESH SEETARAM NAIK
15.	KAR/19/SD/F/170815	CDT	M.RAVICHANDRA
16.	KAR/19/SD/F/170816	CDT	SHIVAKUMAR
17.	KAR/19/SD/F/170817	CDT	SHALIVAHAN ISHWAR KUMB
18.	KAR/19/SD/F/170818	CDT	MANTESH
19.	KAR/19/SD/F/170819	CDT	BHARTH B D
20.	KAR/19/SD/F/170820	CDT	NISCHAL M R
21.	KAR/19/SD/F/170821	CDT	SAMEER SHAIK
22.	KAR/19/SD/F/170822	CDT	ADWAITH.P
23.	KAR/19/SD/F/170823	CDT	SHREYAS M
24.	KAR/19/SD/F/170824	CDT	SATWIK VIGNESHWAR GUNA
25.	KAR/19/SD/F/170825	CDT	NANDANA MAHENDRA HEG
26.	KAR/19/SD/F/170826	CDT	AKHILESH V
27.	KAR/19/SD/F/170827	CDT	M KIRANA KUMARA

[illegible]

27.	KAR/19/SD/F/170827	CDT	M KIRANA KUMARA
Flt / Tp No:	<u>FLIGHT-B</u>	Place:	<u>MOODBIDRI</u>
Batch:	<u>1st yr /</u>	<u>2nd yr /</u>	<u>3rd yr</u>
Date:	<u>24/2/19</u>		

Sign: 

Name: Mayya Sharath Kumar
(Senior Cdt)

(PI Staff)

FG OFFER PARVEEZ SHARIFF S.C.
ASSOCIATE NCC OFFICER

6 KAR AIR SQN NCC MANGALORE

ALVA'S EDUCATION FOUNDATION (R)

MOOREHEAD

6. Ker. Air. Sgt. NCC-March 47

6 Kar. Air. Sq. NCG-March 1971

RECORD OF CADETS IN ATTENDANCE

TOTAL CLASSES: > RF. CF. PROGRESSIVE ATTENDANCE

SI No	Regimental No.	Rank	Cdts' Name	Cdts' Sign	BF	Today	CF
28.	KAR/19/SD/F/170828	CDT	AKHILESH HERKAL	<i>[Signature]</i>			
29.	KAR/19/SD/F/170829	CDT	SRINIDHI M	—			
30.	KAR/19/SD/F/170830	CDT	PURUSHOTHAMA H P	—			
31.	KAR/19/SD/F/170831	CDT	KETAN ARJUN KARANDE	—			
32.	KAR/19/SD/F/170832	CDT	DHANARAJ	<i>[Signature]</i>			
33.	KAR/19/SD/F/170833	CDT	K FAROOQ ABDULLA	—			
34.	KAR/19/SD/F/170834	CDT	CHINMAYA BHAT K K	<i>[Signature]</i>			
35.	KAR/19/SD/F/170835	CDT	BRUESH REDDY KH	—			
36.	KAR/19/SD/F/170836	CDT	MANOJ KUMAR M K	—			
37.	KAR/19/SD/F/170837	CDT	DENIL PAUL	—			
38.	KAR/19/SD/F/170838	CDT	MALLIKARJUN BASAVARAJ GORAVAR	<i>[Signature]</i>			
39.	KAR/19/SD/F/170839	CDT	DUSHYANTH	—			
40.	KAR/19/SD/F/170840	CDT	SHAMJETSHABAM NOREN SINGH	—			
41.	KAR/19/SD/F/170841	CDT	UMAR FAROOQ KHAN SHIRED	—			
42.	KAR/19/SD/F/170842	CDT	SHIVARAJ	—			
43.	KAR/19/SD/F/170843	CDT	KEERTHAN P	—			
44.	KAR/19/SW/F/170844	CDT	GLEVETA REYONA NORONHA	—			
45.	KAR/19/SW/F/170845	CDT	VIBHA RAO	—			
46.	KAR/19/SW/F/170846	CDT	KUMARI KHYATHI	—			
47.	KAR/19/SW/F/170847	CDT	DEEKSHA K	—			
48.	KAR/19/SW/F/170848	CDT	AKSHITHA C V	<i>[Signature]</i>			
49.	KAR/19/SW/F/170849	CDT	SUMA N R	—			
50.	KAR/19/SW/F/170850	CDT	NAYANA .G	—			
51.	KAR/19/SW/F/170851	CDT	AISHWARYA. M. T	—			
52.	KAR/19/SW/F/170852	CDT	SINDHU R	—			
53.	KAR/19/SW/F/170853	CDT	MADHU K	—			
54.	KAR/19/SW/F/170854	CDT	SPOORTHIA M	<i>[Signature]</i>			
55.	KAR/19/SW/F/170855	CDT	SANDHYA KAPSE	—			
56.	KAR/19/SW/F/170856	CDT	DEESHA D SHENOY	<i>[Signature]</i>			
57.	KAR/19/SW/F/170857	CDT	PRENITA PRINSAL SALDANHA	—			
58.	KAR/19/SW/F/170858	CDT	HARSHITHA R SHETTY	<i>[Signature]</i>			
59.	KAR/19/SW/F/170859	CDT	THANUSHREE M	<i>[Signature]</i>			
60.	KAR/19/SW/F/170860	CDT	PUSHPITHA P	—			
61.	KAR/19/SW/F/170861	CDT	RASHMI K	<i>[Signature]</i>			
62.	KAR/19/SW/F/170862	CDT	ANKITA SANNNADURGYA NAIK	<i>[Signature]</i>			
63.	KAR/19/SW/F/170863	CDT	THRISHALA M	<i>[Signature]</i>			

NOTE # Use separate sheet for different Batches &/or subject/ activity. DONOT club different batches/activity in one sheet.

Flt / Tp No: FLIGHT-B Place: MOODBIDRI Batch: 1st Yr / 2nd Yr / 3rd Yr Date: 24/09/19

Sign: *[Signature]*

Name: Harish Sharath Kumar (Senior Cdt)

(PI Staff)

[Signature] (ANO)

[Signature] 6. Kar. Air. Sqn. NCC-Mangalore

FG OFFR PARVEEZ SHARIFF B.C.
ASSOCIATE NCC OFFICER
AIR SQN NCC MANGALORE
EDUCATION FOUNDATION (R.)
MOODBIDRI

INSTITUTIONAL TRG ACTIVITY ATTENDANCE RECORD SHEET : 0 KAR AIR SQN NCC

Use separate sheet for different Batches and/or subject/ activity. DONOT club different batches/activity in one sheet.

SPECIAL / COMMON / NCC ACTIVITY Code (As per Syllabus): Duration: 02:30

Subject: Topic: Talk on HRM & Disaster Management

Time Start: 10:30 A End: 12:00 A Instructor ANO/ PI staff: Eg off Parvez Shariff

FLT / TP ATTENDANCE SUMMARY

MENU FOR REFRESHMENTS

	Allotted	Enrolled	Present	Absent
SD / JD	20	20	03	
SW / JW	08	08	01	
TOTAL	28	28	04	

TOTAL CLASSES: RF: CF:

RECORD OF CADETS IN ATTENDANCE

Sl No	Regimental No.	Rank	Cdts' Name	Sign	BF	Today	CF
1.	KAR/18/SD/F/160268	CDT	ALWIN SAM ANIL	—			
2.	KAR/18/SD/F/160270	CDT	C.M. SHARATH CHANDRA	—			
3.	KAR/18/SD/F/160272	CDT	CHETHAN D U	—			
4.	KAR/18/SD/F/160275	CDT	LAXMAN D HEDDAL	—			
5.	KAR/18/SD/F/160276	CDT	MITHULESH J M	—			
6.	KAR/18/SD/F/160277	CDT	MOHAMMED SAQLAIN BAIG	—			
7.	KAR/18/SD/F/160281	CDT	PUNEETH K	—			
8.	KAR/18/SD/F/160282	CDT	RUBESH MURTHY G	—			
9.	KAR/18/SD/F/160286	CDT	SHASHANK S P	—			
10.	KAR/18/SD/F/160287	CDT	SHETTY GAURESH GANESH	—			
11.	KAR/18/SD/F/160289	CDT	VISHWESH V BHAT	—			
12.	KAR/18/SD/F/160291	CDT	YUVARAJ H	—			
13.	KAR/18/SD/F/160292	CDT	YUVRAJ D N	—			
14.	KAR/18/SD/F/160293	CDT	PRAVEEN KUMAR	—			
15.	KAR/18/SD/F/160294	CDT	KIRAN K	—			
16.	KAR/18/SW/F/160296	CDT	ANURADHA V	—			
17.	KAR/18/SW/F/160300	CDT	HARSHITHA T	—			
18.	KAR/18/SW/F/160303	CDT	SAMRUDDHI A BOGAR	—			
19.	KAR/18/SW/F/160305	CDT	SHILPASHREE D R	—			
20.	KAR/18/SW/F/160306	CDT	SNEHA SHUKLA	—			
21.	KAR/18/SW/F/160307	CDT	SNEHASHREE R	—			
22.	KAR/18/SW/F/160308	CDT	SPOORTHY V V	—			
23.	KAR/18/SW/F/160310	CDT	VARSHITHA T R	—			
24.	KAR/17/SD/F/160212	CDT	BALAJI V	—			
25.	KAR/17/SD/F/160233	CDT	RITESH S SHETTY	—			
26.	KAR/17/SD/F/160235	CDT	SAGAR SHRISHAIL EMMI	—			
27.	KAR/17/SD/F/160240	CDT	VIGNESH K R	—			

Flt / Tp No: FLIGHT-B Place: MOODBIDRI Batch: 1st yr / 2nd yr / 3rd yr Date: 24/09/19

Sign: *[Signature]*

Name: Mayya Sharath Kumar
(Senior Cdt)

(PI Staff)

EG OFFR PARVEZ SHARIFF D.G.

ASSOCIATE NCC OFFICER

0 KAR AIR SQN NCC MANGALORE



[Signature] Bt
Eg off Parvez Shariff
(ANO)
0 Kar Air SqN NCC Mangalore

TOTAL CLASSES: >		BF		CF
<u>Cdts'</u> <u>Sign</u>	PROGRESSIVE ATTEND			
	BF	Today		

[illegible]

FG OFFER PARVEEZ SHARIEF 3 G
ASSOCIATE NCC OFFICER
6 KAR AIR SQN NCC MANGALORE
ALVA'S EDUCATION FOUNDATION (R.)
MOODBIDRI

NOTE # Use separate sheet for different Batches &/or subject/ activity. DONOT club different batches/activity in one sheet.

Flt / Tp No:		FLIGHT-B		Place: MOODBIDRI		Batch: 1 st yr /		2 nd yr /		3 rd yr		Date: 24/09/19	
Sign:													
Name:		Hayyan Sherath kumar										Foraff Pameez Sheriff	
		(Senior Cdt)										(ANO)	

separate sheet for different Batches and/or subject/ activity. DONOT club different batches/activity in one sheet.

FLT / TP ATTENDANCE SUMMARY					MENU FOR REFRESHMENTS			
	Allotted	Enrolled	Present	Absent				
JD	08	08	02					
JW	01	01	01					
TAL	09	09	03					

TOTAL CLASSES: >		BF-		CF-	
Cdts'	PROGRESSIVE ATTENDANCE				
	BF	Today	CF		

FG OFFER PARVEEZ SHARIEF B.G.
ASSOCIATE NCC OFFICER
6 KAR AIR SQN NCC MANGALORE
ALVA'S EDUCATION FOUNDATION (R.)

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