NOTING SHEET
AIT

<u>8</u>
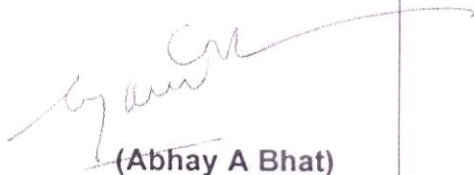
1.　　Ref notes ante.

2.　　Draft agenda pts and programme of GBM scheduled on 18 Mar 2020 is placed opposite :-

　　　(a)　　Agenda Pt No 1　: AIT-Udchalo Incubation Center.　　　**Flag `D'**

　　　(b)　　Agenda Pt No 2　: Innovation Seed Fund for Pre-Incubation.　　**Flag `E'**

　　　(c)　　Agenda Pt No 3 : Introduction of Data Sciences and Analytics as UG Program .　　**Flag `F'**

3.　　Draft Programme of GBM.is placed at Flag 'G'.　　**Flag `G'**

4.　　Put up for perusal and approval please.

(Abhay A Bhat)
Brig
Director

06 Mar 2020
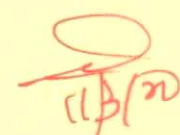
<u>9</u>

Chairman, AIT
(Through SO to Chairman)

Dates
Likely to be changed !!

11/03/2020

MAIN OFFICE	
S R No.	128
Dt.	11/03/20
Sign	DH

DRAFT

PROGRAMME

GOVERNING BODY MTG : 18 MAR 2020

Time	:	Event
10:00 AM	:	Arrival of the Patron at AIT
10:00 AM - 10:10 AM	:	Intro to Members
10:10 AM - 10:30 AM	:	Progress on Agenda Points of previous GBM
10:30 AM - 11:20 AM	:	Discussion on Agenda Points
11:20 AM - 11:30 AM		College Update
11:30 AM - 11:40 AM	:	Closing Address by Patron
11:40 AM - 11:55 AM	:	Tea
11:55 AM	:	Departure

MEMBERS OF GOVERNING BODY MEETING.

1.	Chairman	:	Lt Gen DS Ahuja, AVSM COS, HQ Southern Comd, Patron, AIT
2.	Vice Chairman	:	Maj Gen Pritam Bishnoi, VSM CSO, HQ Southern Comd, Chairman, AIT
3.	Academic Advisor	:	Dy Comdt and CI, CME
4.	Legal Advisor	:	DJAG, HQ Southern Comd
5.	AICTE Nominee	:	Ex-Officio
6.	DTE Nominee	:	Ex-Officio
7.	University Nominee	:	Dr Manohar Chaskar, Dean Faculty of Sci & Tech
8.	Member	:	AWES Rep-Director, AWES HQ SC
9.	Member	:	Dr Hemant Abhayankar, Eminent Academician (State Govt Nominee)
10.	Member	:	Mr Shrikant Badve, MD Badve Group of Companies
11.	Member	:	Col Virender Kapoor (Retd)
12.	Member	:	Mr MS Unnikrishnan, MD & CEO Thermax Ltd
13.	Member	:	Mr Dinanath Kholkar, VP Analytics, TCS
14.	Member	:	Dr BP Patil, Principal, AIT
15.	Faculty Member	:	Dr G R Patil, Prof and HOD (E&TC)
16.	Faculty Member	:	Mrs Vaishali Ingale, Asst Prof, IT Dept
17.	Member Secretary	:	Brig Abhay A Bhat (Retd), Director, AIT

AGENDA POINTS FOR GOVERNING BODY MTG : 18 MAR 2020

AGENDA POINT No. 1

AIT-UDCHALO INCUBATION CENTER

Background

1. MHRD and AICTE have been promoting the cases of Innovation Entrepreneurship and Business Incubation in Higher Education Institutes. Many guidelines and directives have been issued by these agencies.

2. Army Institute of Technology has formed an Institute Innovation Council as per directions of MHRD-AICTE. It has been tirelessly working to promote culture of innovation amongthe students of AIT. SomeAIT student groups as well as alumni are keen to launch their start-ups, provided suitable ecosystem is available to them.

3. Many colleges/ Institutes have now started Incubation Centers in their premises to promote Innovation entrepreneurship. AITtoo, with the help of entrepreneurship is now planning to launch an Incubation Center.

Proposal

4. It is proposed to establish an Incubation Center under the aegis of AIT in collaboration with M/s Udchalo (an AIT alumni enterprise). Knowledge partners such as Tata Technologies, MrHRGaikwad of BVG Group etc also to be roped in for providing technical / business incubation support and mentorship. Subsequently the Center to register as Section 8 Company (non-profit organization) to enable bidding for various Govt Innovation funds and Private company CSR funds.

Brief Justification

5. Establishing an Incubation Center in AITprovides the following advantages :-

(a)   AIT already has an "Institute Innovation Council" registered with AICTE, which received a "four star" rating for prelim activities of 2019. Atleast four AIT student groups and one alumni newly started company are keen to become the first lot of incubatees in such a center.

(b)   Such an Innovation Center can act as a hub for skill training/ business incubation activities for AWES Instts, Veterans, disabled soldiers and families of soldiers.

(c)   There is a concerted push by NHRD for participation of Higher Education Institutions (HEI) in the "Start Up" movement. MHRD and other agencies have issued various guidelines. Fundings of uptoRs. 10 croresis likely to be available through various Govt agencies as well as CSR funds of corporates, for the Incubation centre.

(d)   The ecosystem of an Incubation Center in AITwill fetch additional marks and recognition in various rankings such as NIRF, as well as accreditations of NBA/ NAAC.

(e)   M/s Udchalo will be investing most of the initial capital and running expenses, for creating co-working space, attracting "angel investors"/ VC etc. Many other alumni too have shown keen interest in supporting this venture.

(f)   Subsequently a section8 company will be launched, hosted by AWES, to attract funding from both Govt and private agencies.

AGENDA POINT No. 2

INNOVATION SEED FUND FOR PRE-INCUBATION

Background

1.   Many students of AIT develop projects/innovations, which are technically sound, innovative and have considerable potential to develop as business idea/prototype.

2.   Most of these projects are essentially developed by UG students, with the aim of fulfilling the curricular requirements. Despite the potential of these innovative projects, they lack trials/,proper testing finesse which is required for development of a working prototype. All such additional activities require some amount of expenditure which students cannot afford. Subsequently the idea / innovation can be monetized by patenting it and inviting industry to commercialize the same. Currently neither can the individual raise such funds nor can the college have any mechanism to provide any additional funds for each of these ideas.

3.   Many enterprising alumni have expressed their desire to assist such students and provide initial seed capital for such innovations. They are demanding mechanism for formulating such donations and monitoring the recipient utilization An AITInnovation Seed Fund will provide such mechanism.

Proposal.

4.   To obtain endorsement of GBM for creating an 'AIT Innovation Seed Fund' and formalize mechanisms for creation, contribution, disbursement and monitoring the usage of such a fund.

Brief Justification

5.   AITInnovation Seed Fund will primarily focus on promoting as well as supporting innovation and entrepreneurship amongst students and recently graduated alumni.

6.   The existing alumni fund has a balance of Rs. 39 lakhs as on date. Expenditures from this fund are approved by the Alumni Council only.   Portion of this fund (Rs 5 Lakh) can be diverted to AIT Innovation Seed Fund.   Alumni council has accorded their approval for the above proposal.

7.   There will be a separate account for this fund, which will be operated by AIT management.   Additional donations from alumni or any other agencies will be contributed in this fund.   AIT Innovation Seed Fund will be utilized only with approval of Committee.   Details of approval committee, monitoring committee, parameters for approval etc will be included in SOP being created, once the above proposal is approved in principle.

INTRODUCTION OF DATA SCIENCES AND ANALYTICS AS UG PROGRAM

Introduction

1.   In today's digital era Data is like money and gold for any business keeping this in mind, there is a need to develop manpower to handle such data.

2.   AICTE has announced emerging areas and its model curriculum. AICTE expects that new courses like Artificial Intelligence (AI), Internet of Things (IoT), Block Chain, Robotics, Quantum Computing, **Data Sciences**, Cyber Security, 3D Printing and Design, Virtual Reality (VR), will be taken up by engineering Institutes. SPPUBoard of Studies of IT Dept also recently added BE (Data Science) in its courses to be offered,though circular is yet to be issued.

Proposal

3.   To start new undergraduate 4 years engineering program in Data Sciences and Analytics (or synonym program proposed by SPPU) with intake of 60 under the Dept of Information Technology or Convert One Div (60) of either Comp or E&TC, for AY 2020-21.

Justification

4.   In the market huge job opportunities like Data administrator, Data analyst, Data Scientist, Business intelligence (BI) analyst are available.Companies like Accenture, Fidelity Investments, Bank of America Merrill Lynch, Aon, Bristol Myers-Squibb, Oath, MSD, Intl are hiring such professionals. As per a recent survey, salaryoffered at present is:-

(a)   The median starting salary for a data scientist remains high at $95,000.

(b)   The median salary for a mid-level data scientist is $128,750. If this data scientist is also in a managerial role, the median salary rises to $185,000.

5.   The infrastructure required for starting such course is available in AIT. Only we need to procure few licensed software and hire trained faculty (4/Year).

6.   Based on GBM approval, proposal will be forwarded for endorsement by HQ AWES.

7. <u>Infrastructure/Equipment Required</u>:-

(a) Additional two class room   -   Can be created easily

(b) One Tutorial Room   -   Can be created easily

(c) Existing labs of IT/Comp Dept is sufficient   -   Already Available.

(d) Required software as per the curriculum   -   It can bepurchased in a
                                                                        phased manner.

<u>Financials(Approx)</u>

Year	Income (RsLakh)	Expenditure (RsLakh)	Revenue (Income over Expenditure) (RsLakh)	Remark
1	90	50-60	30-40	Faculty Salary, One class room, Tut room
2	180	130-140	40-50	Faculty Salary, One class room, Equipment/Software
3	270	220-230	40-50	Faculty Salary, Software
4	360	280-290	70-80	Faculty Salary