



ৰবীন্দ্রনাথ ঠাকুর বিশ্ববিদ্যালয়

Rabindranath Tagore University

(A STATE GOVT. UNIVERSITY RECOGNISED UNDER 2(F) OF UGC)

Hojai-782436, Assam, India

Phone – 7002418574, 7086031120 (M)

website – www.rtuassam.ac.in : email – rabindranathtagoreuniversity@gmail.com, rtuacademicregistrar@gmail.com

Ref.No.RTU/ACA/MISC/365

Date: 31/07/2025

REVISED NOTICE **(INDUCTION PROGRAM AND CLASS)** **31-07-2025**



This is for general information to all Undergraduates and Postgraduates students that the induction program and classes for the academic sessions 2025-26 shall be commenced in the following venue/campus as per dates given below:

Semester	Class/Induction Program	Venue/Campus	Date of Class/ Induction
B.A. and B.Com & BBA-MBA. 1 st Semester (Excluding Jugijan Campus)	Induction Program (As per program given)	Srimanta Sankardev Campus (Old Campus)	01-08-2025 04-08-2025 05-08-2025
B.Sc. 1 st Semester	Induction Program (As per program given)	Sir J C Bose Campus (Sagar Basti)	01-08-2025 04-08-2025 05-08-2025
JUGIJAN CAMPUS: The Classes/Induction of BA 1st Semester students admitted in FINAL SPOT ROUND FROM 28-07-2025 TO 30-07-2025 shall be conducted exclusively in JUGIJAN CAMPUS FROM 01-08-2025 (9.00 AM ONWARDS) The Name of students are given below.			
B.A., B.Com. 3 rd and 5 th Semester	Class	Srimanta Sankardev Campus (Old Campus)	11-08-2025
B.Sc. 3 rd & 5 th Semester	Class	Sir J.C. Bose Campus (Sagar Basti)	11-08-2025
M.A. 3 rd Semester	Class	Srimanta Sankardev Campus (Old Campus)	11-08-2025
M.Sc. 3 rd Semester	Class	Sir J.C. Bose Campus (Sagar Basti)	11-08-2025
M.A. 1 st Semester	Class	Srimanta Sankardev Campus (Old Campus)	18-08-2025
M.Sc. 1 st Semester	Class	Sir J.C. Bose Campus (Sagar Basti)	18-08-2025

This Order is issued with due approval of Hon'ble Vice Chancellor, RTU, Hojai.

যত্ন বিশ্বম্ ভবত্যেক নীড়ম্

31/7/25
Academic Registrar i/c
Rabindranath Tagore University



ৰবীন্দ্রনাথ ঠাকুর বিশ্ববিদ্যালয়

Rabindranath Tagore University

(A STATE GOVT. UNIVERSITY RECOGNISED UNDER 2(F) OF UGC)

Hojai-782436, Assam, India

Phone 7002418574, 7086031120 (M)

website – www.rtuassam.ac.in : email rabindranathtagoreuniversity@gmail.com, rtuacademicregistrar@gmail.com



Timeline for Induction Program FYUGP 2025
(B.A. and B.Com. 1st Semester)

Date	Class	Activity	Venue	Time
01-08-2025 04-08-2025 05-08-2025	B.A. 1st Semester Assamese Major Bengali Major Hindi Major	Induction Program Welcome Address	Conference Hall Bharat Tirtha Bhawan (Srimanta Sankardev Campus)	9.00 AM
		Induction Program Awareness on NEP 2020 Curriculum and Credit Framework SAMARTH portal	DO	9.10 AM
		Induction Program Examination Processes (Formative and Summative Assessment) Grievance Redressal Policy relating to Examinations	DO	9.45 AM
		Induction Program Internship and Industry Academia Linkage	DO	10.00 AM
		Induction Program Awareness on NCC and NSS, ICC, Students' Welfare	Do	10.15 AM
		Induction Program Library Facility	DO	10.45 AM

[Signature]
31/8/25

यत्र विश्वम् भवत्येक नीडम्

Academic Registrar i/c
Rabindranath Tagore University



ৰবীন্দ্রনাথ ঠাকুর বিশ্ববিদ্যালয়

Rabindranath Tagore University

(A STATE GOVT. UNIVERSITY RECOGNISED UNDER 2(F) OF UGC)

Hojai-782436, Assam, India

Phone - 7002418574, 7086031120 (M)

website - www.rtuassam.ac.in :: email - rabindranathtagoreuniversity@gmail.com, rtuacademicregistrar@gmail.com



Date	Class	Activity	Venue	Time
01-08-2025	B.A. 1st Semester Assamese Major	Induction Program Environmental Awareness and Initiatives	DO	11.00AM
04-08-2025		Induction Program Awareness of Cyber Security and Social Media	DO	11.15 AM
05-08-2025				
Date	Class	Activity	Venue	Time
01-08-2025	B.A. 1st Semester English Major	Induction Program Welcome Address	DO	12.00 Noon
04-08-2025		Induction Program Awareness on NEP 2020 Curriculum and Credit Framework SAMARTH portal	DO	12.10 PM
05-08-2025		Induction Program Examination Processes (Formative and Summative Assessment) Grievance Redressal Policy relating to Examinations	DO	12.45 PM
		Induction Program Internship and Industry Academia Linkage	DO	1.00PM
		Induction Program Awareness on NCC and NSS, ICC, Students' Welfare	DO	1.15 PM
		Induction Program Library Facility	DO	1.45 PM
		Induction Program Environmental Awareness and Initiatives	DO	2.00 PM
		Induction Program Awareness of Cyber Security	DO	2.15 PM

যত্ন বিশ্বম্ ভবত্যেক নীড়ম্

3/8/25



ৰবীন্দ্রনাথ ঠাকুর বিশ্ববিদ্যালয়

Rabindranath Tagore University

(A STATE GOVT. UNIVERSITY RECOGNISED UNDER 2(F) OF UGC)

Hojai-782436, Assam, India

Phone – 7002418574, 7086031120 (M)

website – www.rtuassam.ac.in :: email – rabindranathtagoreuniversity@gmail.com, rtuacademicregistrar@gmail.com



Date	Class	Activity	Venue	Time
01-08-2025 04-08-2025 05-08-2025	B.A. 1 st Semester History Major Economics Major	Induction Program Welcome Address	DO	2.30 PM
		Induction Program Awareness on NEP 2020	DO	2.45 PM
		Curriculum and Credit Framework SAMARTH portal, ABC		
		Induction Program Examination Processes (Formative and Summative Assessment) Grievance Redressal Policy relating to Examinations	DO	3.15 PM
		Induction Program Internship and Industry Academia Linkage	DO	3.30 PM
		Induction Program Awareness on NCC and NSS, ICC, Students' Welfare	DO	3.45 PM
		Induction Program Library Facility	DO	4.15 PM
		Induction Program Environmental Awareness and Initiatives	Conference Hall Bharat Tirtha Bhawan (Srimanta Sankardev Campus)	4.30PM
		Induction Program Awareness of Cyber Security and Social Media	DO	4.45 PM

Handwritten signature
3/8/25

यत्र विश्वम् भवत्येक नीड़म्



ৰবীন্দ্রনাথ ঠাকুর বিশ্ববিদ্যালয়

Rabindranath Tagore University

(A STATE GOVT. UNIVERSITY RECOGNISED UNDER 2(F) OF UGC)

Hojai-782436, Assam, India

Phone - 7002418574, 7086031120 (M)

website - www.rtuassam.ac.in :: email - rabindranathtagoreuniversity@gmail.com, rtuacademicregistrar@gmail.com



Date	Class	Activity	Venue	Time
01-08-2025 04-08-2025 05-08-2025	B.A. 1 st Semester Education Major	Induction Program Welcome Address	CONCERNED DEPARTMENT	9.00 AM
		Induction Program Awareness on NEP 2020 Curriculum and Credit Framework SAMARTH portal, ABC	CONCERNED DEPARTMENT	9.10 AM
		Induction Program Examination Processes (Formative and Summative Assessment) Grievance Redressal Policy relating to Examinations	CONCERNED DEPARTMENT	9.45 AM
		Induction Program Internship and Industry Academia Linkage	CONCERNED DEPARTMENT	10.00 AM
		Induction Program Awareness on NCC and NSS, ICC, Students' Welfare	CONCERNED DEPARTMENT	10.15 AM
		Induction Program Library Facility	CONCERNED DEPARTMENT	10.45 AM
		Induction Program Environmental Awareness and Initiatives	CONCERNED DEPARTMENT	11.00AM
		Induction Program Awareness of Cyber Security, Social media	CONCERNED DEPARTMENT	11.15 AM

Signature
31/8/25

यत्र विश्वम् भवत्येक नीङ्म



ৰবীন্দ্রনাথ ঠাকুর বিশ্ববিদ্যালয়

Rabindranath Tagore University

(A STATE GOVT. UNIVERSITY RECOGNISED UNDER 2(F) OF UGC)

Hojai-782436, Assam, India

Phone 7002418574, 7086031120 (M)

website www.rtuassam.ac.in :: email rabindranathtagoreuniversity@gmail.com, rtuacademicregistrar@gmail.com



Date	Class	Activity	Venue	Time
01-08-2025 04-08-2025 05-08-2025	B.Com. 1st Semester Accountancy Major & BBA 1 st Semester	Induction Program Welcome Address	COMMERCE DEPARTMENT	12.00 Noon
		Induction Program Awareness on NEP 2020 Curriculum and Credit Framework SAMARTH portal	COMMERCE DEPARTMENT	12.15 PM
		Induction Program Examination Processes (Formative and Summative Assessment) Grievance Redressal Policy relating to Examinations	COMMERCE DEPARTMENT	12.45 PM
		Induction Program Internship and Industry Academia Linkage	COMMERCE DEPARTMENT	1.00 PM
		Induction Program Awareness on NCC and NSS, ICC, Students' Welfare	COMMERCE DEPARTMENT	1.15 PM
		Induction Program Library Facility	COMMERCE DEPARTMENT	1.45 PM
		Induction Program Environmental Awareness and Initiatives	COMMERCE DEPARTMENT	2.00PM
		Induction Program Awareness of Cyber Security, Social Media	COMMERCE DEPARTMENT	2.30 PM

Handwritten signature
31/8/25

यत्र विश्वम् भवत्येक नीडम्



ৰবীন্দ্রনাথ ঠাকুর বিশ্ববিদ্যালয়

Rabindranath Tagore University

(A STATE GOVT. UNIVERSITY RECOGNISED UNDER 2(F) OF UGC)

Hojai-782436, Assam, India

Phone - 7002418574, 7086031120 (M)

website - www.rtuassam.ac.in :: email - rabindranathtagoreuniversity@gmail.com, rtuacademicregistrar@gmail.com



Date	Class	Activity	Venue	Time
01-08-2025 04-08-2025 05-08-2025	B.Com. 1st Semester Management Major & BBA 1 st Semester	Induction Program Welcome Address	COMMERCE DEPARTMENT	12.00 Noon
		Induction Program Awareness on NEP 2020 Curriculum and Credit Framework SAMARTH portal	COMMERCE DEPARTMENT	12.15 PM
		Induction Program Examination Processes (Formative and Summative Assessment) Grievance Redressal Policy relating to Examinations	COMMERCE DEPARTMENT	12.45 PM
		Induction Program Internship and Industry Academia Linkage	COMMERCE DEPARTMENT	1.00 PM
		Induction Program Awareness on NCC and NSS, ICC, Students' Welfare	COMMERCE DEPARTMENT	1.15 PM
		Induction Program Library Facility	COMMERCE DEPARTMENT	1.45 PM
		Induction Program Environmental Awareness and Initiatives	COMMERCE DEPARTMENT	2.00PM
		Induction Program Awareness of Cyber Security, Social Media	COMMERCE DEPARTMENT	2.30 PM

Signature
অ/স/স

यत्र विश्वम् भवत्येक नीड़म्



ৰবীন্দ্রনাথ ঠাকুর বিশ্ববিদ্যালয়

Rabindranath Tagore University

(A STATE GOVT. UNIVERSITY RECOGNISED UNDER 2(F) OF UGC)

Hojai-782436, Assam, India

Phone - 7002418574, 7086031120 (M)

website - www.rtuassam.ac.in : email - rabindranathtagoreuniversity@gmail.com, rtuacademicregistrar@gmail.com



Timeline for Induction Program FYUGP 2025
(B.Sc. 1st Semester)

Date	Class	Activity	Venue	Time
01-08-2025	B.Sc. 1st Semester Mathematics Major Physics Major	Induction Program Welcome Address	Kalaguru Bishnu Prasad Rabha Conference Hall (Sri J C Bose Campus)	9.00 AM
04-08-2025		Induction Program Awareness on NEP 2020 Curriculum and Credit Framework SAMARTH portal	DO	9.10 AM
05-08-2025		Induction Program Examination Processes (Formative and Summative Assessment) Grievance Redressal Policy relating to Examinations	DO	9.45 AM
		Induction Program Internship and Industry Academia Linkage	DO	10.00 AM
		Induction Program Awareness on NCC and NSS, ICC, Students' Welfare	Do	10.15 AM
		Induction Program Library Facility	DO	10.45 AM
		Induction Program Environmental Awareness and Initiatives	Kalaguru Bishnu Prasad Rabha Conference Hall (Sri J C Bose Campus)	11.00AM
		Induction Program Awareness of Cyber Security and Social Media	DO	11.15 AM

যত্ন বিশ্বম্ ভবত্যেক নীড়ম্

[Signature]
31/8/25



ৰবীন্দ্রনাথ ঠাকুর বিশ্ববিদ্যালয়

Rabindranath Tagore University

(A STATE GOVT. UNIVERSITY RECOGNISED UNDER 2(F) OF UGC)

Hojai-782436, Assam, India

Phone - 7002418574, 7086031120 (M)

website - www.rtuassam.ac.in :: email - rabindranathtagoreuniversity@gmail.com, rtuacademicregistrar@gmail.com



Date	Class	Activity	Venue	Time
01-08-2025	B.Sc. 1 st Semester Botany Major Zoology Major	Induction Program Welcome Address	DO	12.00 Noon
04-08-2025		Induction Program Awareness on NEP 2020	DO	12.10 PM
05-08-2025		Curriculum and Credit Framework SAMARTH portal		
		Induction Program Examination Processes (Formative and Summative Assessment) Grievance Redressal Policy relating to Examinations	DO	12.45 PM
		Induction Program Internship and Industry Academia Linkage	DO	1.00PM
		Induction Program Awareness on NCC and NSS, ICC, Students' Welfare	DO	1.15 PM
		Induction Program Library Facility	DO	1.45 PM
		Induction Program Environmental Awareness and Initiatives	DO	2.00 PM
		Induction Program Awareness of Cyber Security	Kalaguru Bishnu Prasad Rabha Conference Hall (Sri J C Bose Campus)	2.15 PM

[Signature]
31/8/25

यत्र विश्वम् भवत्येक नीडम्



ৰবীন্দ্রনাথ ঠাকুর বিশ্ববিদ্যালয়

Rabindranath Tagore University

(A STATE GOVT. UNIVERSITY RECOGNISED UNDER 2(F) OF UGC)

Hojai-782436, Assam, India

Phone - 7002418574, 7086031120 (M)

website - www.rtuassam.ac.in :: email - rabindranathtagoreuniversity@gmail.com, rtuacademicregistrar@gmail.com



Date	Class	Activity	Venue	Time
01-08-2025	B.Sc. 1 st Semester Chemistry Major	Induction Program Welcome Address	DO	3.00 PM
04-08-2025		Induction Program Awareness on NEP 2020 Curriculum and Credit Framework SAMARTH portal	DO	3.10 PM
05-08-2025		Induction Program Examination Processes (Formative and Summative Assessment) Grievance Redressal Policy relating to Examinations	DO	3.45 PM
		Induction Program Internship and Industry Academia Linkage	DO	4.00 PM
		Induction Program Awareness on NCC and NSS, ICC, Students' Welfare	DO	4.15 PM
		Induction Program Library Facility	DO	4.45 PM
		Induction Program Environmental Awareness and Initiatives	<u>Kalaguru Bishnu</u> <u>Prasad Rabha</u> <u>Conference Hall</u> (Sri J C Bose Campus)	5.00PM
		Induction Program Awareness of Cyber Security and Social Media	DO	5.15 PM

[Signature]
31/8/25

यत्र विश्वम् भवत्येक नीडम्



ৰবীন্দ্রনাথ ঠাকুর বিশ্ববিদ্যালয়

Rabindranath Tagore University

(A STATE GOVT. UNIVERSITY RECOGNISED UNDER 2(F) OF UGC)

Hojai-782436, Assam, India

Phone - 7002418574, 7086031120 (M)

website - www.rtuassam.ac.in : email - rabindranathtagoreuniversity@gmail.com, rtuacademicregistrar@gmail.com

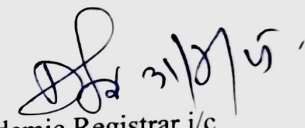



Academic Registrar i/c
Rabindranath Tagore University, Hojai (Assam)
Academic Registrar i/c
Rabindranath Tagore University

Memo No. RTU/ACA/MISC/365 (A) Dated: 31/07/2025

Copy to:

1. The P.S. to VC, for his kind appraisal to Hon'ble VC Sir of RTU.
2. The Registrar i/c, RTU, Hojai, for information.
3. All Heads of the Academic Departments, RTU, Hojai, for information please.
4. RTU Website & Notice Board.
5. Office File.


Academic Registrar i/c
Rabindranath Tagore University, Hojai (Assam)
Academic Registrar i/c
Rabindranath Tagore University

যত্ন বিশ্বম্ ভবত্যেক নীড়ম্

RABINDRANATH TAGORE UNIVERSITY
HOJAI, ASSAM
JUGIJAN CAMPUS FYUGP STUDENTS LIST



Sl No	Form No	Name	Gender	Major	Minor	MD	AECC
1	85471307	SHAMIMA BEGUM	F	PSC	ECO	HIST	ASM
2	85461926	KRISH CHOWDHURY	M	ECO	PSC	ASM	ENG
3	85767903	SHEKHAR SINGHA	M	HIST	PSC	ASM	ENG
4	85214236	ANANIA MARAK	F	ENG	EDN	ASM	ENG
5	85083355	NEHEMIA MARAK	M	HIST	EDN	ASM	ENG
6	85775692	SHREECHAN HASAM	M	HIST	EDN	ASM	ENG
7	85810768	RAJBIR HASAM	M	HIST	EDN	ASM	ENG
8	85744282	NANDAN PAUL	M	HIST	ECO	ASM	ENG
9	85235035	IMRANA BEGUM	F	PSC	EDN	ASM	ENG
10	85033957	MD AKIBUL ISLAM	M	PSC	EDN	ASM	ENG
11	85753913	TANJILA MANJUR	F	HIST	ASM	ASM	ENG
12	85777147	SUFIYA SULTANA	F	ENG	EDN	ASM	ENG
13	85310861	DEBOJIT DUTTA	M	PSC	ECO	HIST	ENG
14	85718331	ABHIR BHOWAL	M	HIST	EDN	ASM	ENG
15	85757487	MASHUDA MORIOM	F	ASM	EDN	HIST	ASM
16	85047623	PARMIN SULTANA	F	HIST	PSC	ASM	ENG
17	85906893	IKRAMUL HUSSAIN	M	PSC	EDN	ASM	ENG
18	85903404	SUBI KUMARI	F	EDN	PSC	HIST	ENG
19	85152953	SABINA BEGUM	F	PSC	HIST	ASM	ENG
20	85373239	GOURAV JYOTI RAJKHOWA	M	ENG	PSC	HIST	ASM
21	85736900	ABHOY BISWAS	M	HIST	EDN	HIST	ASM
22	85132333	KALASAN ALI	M	PSC	HIST	ASM	ENG
23	85162737	KAMAL BHATTACHARJEE	M	ECO	ASM	HIST	ENG
24	85764889	ABHIJIT DAS	M	ENG	PSC	HIST	ASM
25	85041569	BISHAL DAS	M	HIST	EDN	HIST	ASM
26	85236726	JEET SAHA	M	HIST	PSC	ASM	ENG
27	85144064	SNEHA DAS	F	EDN	ECO	HIST	ASM
28	85906687	TAYEF AHMED	M	PSC	EDN	ASM	ENG
29	85018901	UBAID ULLAH	M	EDN	PSC	HIST	ENG
30	85490097	KADIJA BEGUM	F	PSC	EDN	HIST	ASM
31	85776555	ROSUMA BEGUM	F	HIST	PSC	HIST	ASM
32	85250899	FAIJA SANAM	F	PSC	EDN	HIST	ASM
33	85289987	MERAJUL ISLAM	M	HIST	EDN	ASM	ENG
34	85400473	MUHIT BISWAS	M	EDN	HIST	ASM	ENG
35	85718087	AMIT KUMAR NANDI	M	ECO	PSC	HIST	ENG
36	85219146	SURAJ MALAKAR	M	EDN	PSC	ASM	ENG
37	85028671	MOHAMMAD SADULLAH	M	PSC	HIST	ASM	ENG
38	85027676	MOHAMMAD SAIFULLAH	M	PSC	EDN	ASM	ENG
39	85040345	MD IMDADUR RAHMAN	M	PSC	HIST	ASM	ENG

[Handwritten Signature]

SL No	Form No	Name	GEN	MAJOR	MINOR	MD	ABCC
40	85307230	KARAN SAHU	M	HIST	EDN	ASM	ENG
41	85792750	DIPAK DAS	M	HIST	EDN	ASM	ENG
42	85903806	GOBIN CHOUHAN	M	ECO	PSC	HIST	ENG
43	85281984	AJOY BISWAS	M	HIST	EDN	ASM	ENG
44	85906810	RIKITA DAM	F	EDN	PSC	HIST	ENG
45	85713455	INDIRA HAFILA	F	ECO	PSC	HIST	ENG
46	85196638	RIAZ UDDIN	M	HIST	EDN	ASM	ENG
47	85835760	NANDAN CHOUHAN	M	EDN	HIST	ASM	ENG
48	85913869	MANISH KUMAR SINGHA	M	EDN	HIST	ASM	ENG
49	85200950	SARDENGSON PATOR	M	PSC	ECO	HIST	ENG
50	85743815	ASLOM UDDIN TALUKDAR	M	HIST	EDN	ASM	ENG
51	85014449	SHIVA NATH	M	PSC	EDN	HIST	ASM
52	85782752	RAKESH BAIDYA	M	HIST	EDN	ASM	ENG
53	85623890	ANJAN BORAH	M	HIST	PSC	ASM	ENG
54	85830303	ABHIJIT MEETEI	M	ENG	EDN	HIST	ASM
55	85745133	SAMSUL SHEKH	M	EDN	PSC	HIST	ENG
56	85753999	MANIK KUMAR DAS	M	HIST	PSC	HIST	ENG
57	85743056	RAHUL SAHU	M	ECO	PSC	HIST	ENG
58	85727857	DHRUABARAJ BHATTARAI	M	PSC	EDN	HIST	ASM
59	85908175	ARATI GOUR	F	HIST	EDN	ASM	ENG
60	85359402	BIKASH SARMAH	M	HIST	EDN	ASM	ENG
61	85328214	RAJWANUL HOQUE	M	PSC	EDN	ASM	ENG
62	85007073	PRANANCHAL NANDI	M	HIST	EDN	ASM	ENG
63	85905028	SAIDUL ALA M	M	PSC	EDN	ASM	ENG
64	85911502	DEEP MALLIK	M	HIST	EDN	ASM	ENG
65	85243787	BISHAL SARKAR	M	EDN	HIST	ASM	ENG
66	85271643	SWEETY DEN	F	PSC	HIST	ASM	ENG
67	85911922	LILIMA PATAIL	F	ASM	HIST	ASM	ENG
68	85787183	BIKROM GOWALA	M	EDN	ASM	HIST	ENG
69	85907491	RAJBIN BEGUM	F	PSC	EDN	ASM	ENG
70	85715900	SUBHAM PAUL	M	EDN	PSC	ASM	ENG
71	85788696	SIBAM CHAUHAN	M	EDN	ASM	HIST	ENG
72	85198175	KOMAL KUWAR	M	HIST	PSC	ASM	ENG
73	85004777	ASISH GHOSH	M	ASM	PSC	HIST	ENG
74	85481674	SHUN HASAMPHURA	M	HIST	EDN	ASM	ENG
75	85074927	JITUMONI LADUR	M	ASM	PSC	HIST	ENG
76	85543515	MANOJ DAS	M	EDN	PSC	ASM	ENG
77	85908297	NASIBA MOHAMMAD AFSAR	F	PSC	EDN	HIST	ENG
78	85283440	RAJU MAJUMDER	M	HIST	ASM	ASM	ENG
79	85455942	RAGHUNATH MAZUMDER	M	EDN	ASM	HIST	ENG
80	85075339	RINKU BISWAS	M	HIST	PSC	ASM	ENG
81	85046150	MD ABDUL JAINAL	M	PSC	ASM	HIST	ENG

[Handwritten signature]