

NSE Clearing Limited

SEGMENT: MUTUAL FUND SERVICE SYSTEM	
Download Ref No: NCL/MFSS/74181	Date: May 12, 2026
Circular Ref. No: 0167/2026	

All Participants,

Sub: API for Mutual Fund Global MIS by Payment Aggregators

This is further to circular NCL/MFSS/74000 dated April 30, 2026.

Participants using own payment aggregators are requested to kindly note of API specifications for providing the global MIS.

**For and on behalf of
NSE Clearing Limited**

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Payment Aggregator APIs

1.Common Authentication for All APIs

Required Parameters Values for Agency		
1	Login User ID	Same used for Agency Login
2	API Secret (PWD)	API Credentials provided by NSE
3	API Member License KEY	API Credentials provided by NSE
4	Login Id	Login Id registered with NSE

Common Authentication & Authorization Logic

- Every agency user who has access to Agency desk can access API.
- Login ID would be same as used for Agency Desk.
- IP Address must be validated against User (Need to whitelist your IP with NSE).
- Authentication parameters must be passed as request header.
- If the login is not successful, then error code “403 FORBIDDEN” will be sent with error Message

“Invalid authorization header or IP Address not mapped with user.”

- If the login is successful then proceed for actual API Business Logic processing.

Request Headers			
Sr No.	Header Name	Type	Value/ Remark
1	Content-Type	varchar	application/Json
2	Agency Login Id	INT	1
3	Authorization	BASIC	base64(Login User ID: Encrypted Password)

Generate Encrypted Password	
Generate Encrypted string of the provided: (API Secret (PWD) <RANDOM Number>)	
Encryption Algorithm	AES 128 bit
Key	API Member License KEY

For e.g.

=====

salt = random alphanumeric value (e.g. 9A1c74744b944d9bd34e7de3a964fb19)

iv = random alphanumeric value (e.g. 90E9c0485bc76e864e5aac05a34d356f)

plaintext = API Secret (PWD)|<RANDOM Number>

eg. 90E9c0485ty54g864e5aac05a34d356fj34533412321

aes_encrypted_val = AES128(salt, iv, <API Member License KEY>, plaintext)

Encrypted Password = base64(iv::salt::aes_encrypted_val)

Sample Error Response JSON

```
{
  "status": "403 FORBIDDEN",
  "error_type": "unauthorized",
  "message": "Invalid authorization header or IP Address not mapped with user."
}
```

2.Global MIS

URL: https://{API URL}/ nsemfAmc/api/v1/globalmis

Type: Post

Request & Response Parameters

FIELD NAME	MANDATORY/ NON- MANDATORY	FIELD TYPE	SIZE	DESCRIPTION	Remark
globalmis_data	Mandatory	List of Object		Refer Following table	Mandatory

Request Headers: As per Common Authentication for All APIs

SEQUENCE	Header Name	Type	Mandatory /Optional	Description
Field1	unique_request_id	Character	Mandatory	Unique request ID Eg. RZP_1222883
Field2	member_id	Character	Mandatory	Member ID Eg.13605
Field3	client_id	Character	Mandatory	Client ID Eg.4702189
Field4	Amount	Number	Mandatory	Transaction amount Eg.1000.00
Field5	funds_receipt_date	Date	Mandatory	Funds receipt date (DD-MM-YYYY)
Field6	utr_number	Character	Mandatory	UTR number Eg.TR102725298275
Field7	ifsc_number	Character	Mandatory	IFSC number Eg.MAHB0000427
Field8	pg_bank_reff_number	Character	Mandatory	PG bank reference number Eg.1279649682
Field9	client_name	Character	Optional	Client name
Field10	additional_date	Date	Optional	Additional date (DD- MM-YYYY)
Field11	funds_receipt_time	Date	Optional	Funds receipt time (HH:MM)
Field12	order_number	Character	Optional	Order number
Field13	account_number	Character	Mandatory	Account number
Field14	bank_reff_number	Character	Optional	Bank reference number
Field15	funds_transfer_pay_mode	Character	Mandatory	Funds transfer mode
Field16	bank_code	Character	Mandatory	Bank code Eg.HDF
Field17	trans_type	Character	Mandatory	Transaction type (L / S)
Field18	utr_consolidated_amount	Number	Optional	UTR CONSOLIDATED amount (optional)
Field 19	cc bank account	Character	Mandatory	Account number

FUNDS TRANSFER PAY MODE	
UPI	UPI
NACH	NACH
Direct Net Banking	DIRECT
Non Direct Net Banking	NODAL
UPI AUTOPAY	UPIA
ENACH	ENACH
CHEQUE	CHEQUE

Sample Request Json:

```

{
  "globalmis_data": [
    {
      "unique_request_id": "rzp_1222883",
      "member_id": 13605,
      "client_id": 4702189,
      "amount": 1000.00,
      "funds_receipt_date": "16-02-2026",
      "utr_number": "tr102725298275",
      "ifsc_number": "mahb0000427",
      "pg_bank_reff_number": "1279649682",
      "client_name": "suraj kumar",
      "additional_date": "16-02-2026",
      "funds_receipt_time": "17:58",
      "order_number": "",
      "account_number": "60190652880",
      "bank_reff_number": "hdf493c45fee91478ca0973d4e3aa69ed1",
      "funds_transfer_pay_mode": "db",
      "bank_code": "hdf",
      "trans_type": "1",
      "utr_consolidated_amount": "",
      "cc_bank_account": ""
    },
    {
      "unique_request_id": "rzp_1222884",
      "member_id": 13605,
      "client_id": 4702189,
      "amount": 1000.00,
      "funds_receipt_date": "16-02-2026",
      "utr_number": "tr102725298275",
      "ifsc_number": "mahbamount",
      "pg_bank_reff_number": "1279649682",
      "client_name": "suraj kumar",
      "additional_date": "16-02-2026",
    }
  ]
}

```

```
"funds_receipt_time": "17:58",
"order_number": "",
"account_number": "60190652880",
"bank_reff_number": "hdf493c45fee91478ca0973d4e3aa69ed1",
"funds_transfer_pay_mode": "db",
"bank_code": "hdf",
"trans_type": "1",
"utr_consolidated_amount": "",
"cc bank account": ""
},
{
  "unique_request_id": "rzp_1222885",
  "member_id": 13605,
  "client_id": 4702189,
  "amount": 1000.00,
  "funds_receipt_date": "16-02-2026",
  "utr_number": "tr102725298275",
  "ifsc_number": "mahb0000427",
  "pg_bank_reff_number": "1279649682",
  "client_name": "suraj kumar",
  "additional_date": "16-02-2026",
  "funds_receipt_time": "17:58",
  "order_number": "",
  "account_number": "60190652880",
  "bank_reff_number": "hdf493c45fee91478ca0973d4e3aa69ed1",
  "funds_transfer_pay_mode": "db",
  "bank_code": "hdf",
  "trans_type": "1",
  "utr_consolidated_amount": "",
  "cc bank account": ""
}
]
```

sample response:**success-**

```
{
  "status": "success",
  "statusCode": "200",
  "message": "data processed successfully",
  "data": [
    {
      "unique_request_id": "rzp_1222883",
      "status": "success",
      "remark": ""
    },
    {
      "unique_request_id": "rzp_1222884",
      "status": "failed",
      "remark": "invalid utr_number"
    },
    {
      "unique_request_id": "rzp_1222885",
      "status": "success",
      "remark": ""
    }
  ]
}
```

Failure: -

```
{
  "Status": "FAILED",
  "StatusCode": "500",
  "message": "Unable to process the request due to internal server error."
}
```

3.Get MIS Details

URL: https://{{API URL}}/ nsemfAmc/api/v1/get_mis_dtl

Type: Post

Request & Response Parameters					
FIELD NAME	MANDATORY/ NON- MANDATORY	FIELD TYPE	SIZE	DESCRIPTION	Remark
data	Mandatory	List of Object		Refer Following table	Mandatory

Request Headers: As per Common Authentication for All APIs

SEQUENC E	Header Name	Type	Mandatory /Optional	Description
Field1	UNIQUE_REQUEST_I D	Characte r	Mandatory	Unique request ID E.g. RZP_1222883
Field2	UTR_NUMBER	Characte r	Mandatory	UTR number Eg.TR10272529827 5

Sample Request Json:

```
{
  "data": [
    {
      "unique_request_id": "rzp_1222883",
      "utr_number": "tr102725298275",
    }
  ]
}
```

sample response:**success: -**

```
{  
  "status": "success",  
  "unique_request_id": "rzp_1222885",  
  
  "member_id": 13605,  
  "client_id": 4702189,  
  "amount": 1000.00,  
  "funds_receipt_date": "16-02-2026",  
  "utr_number": "tr102725298275",  
  "ifsc_number": "mahb0000427",  
  "pg_bank_reff_number": "1279649682",  
  "client_name": "suraj kumar",  
  "additional_date": "16-02-2026",  
  "funds_receipt_time": "17:58",  
  "order_number": "",  
  "account_number": "60190652880",  
  "bank_reff_number": "hdf493c45fee91478ca0973d4e3aa69ed1",  
  "funds_transfer_pay_mode": "db",  
  "bank_code": "hdf",  
  "trans_type": "1",  
  "utr_consolidated_amount": "",  
  "cc_bank_account": "",  
  "entry_date": "16-02-2026"  
}
```

failure:

```
{  
  "status": "failure",  
  "message": "invalid utr or transaction not found."  
}
```