Description of duties that I am handling in IIT Jodhpur

In house applications developed by me in IIT Jodhpur single handily under automation:

1. Office of Academic [Full activities with first preference]
    a. Full activities including Course registration, Online Attendance, Online Grade submission, Transcript print and many more activities related to Academics.
    b. Application used by Students, Faculty Members and Offices.
2. Online Application for PG Admission (M.Tech. / Dual Degree and PhD/M.Sc DH/MBA/M.Tech. AI Executive) with payment gateway
3. Online Application for Lecture Hall Booking
4. Office of Research and Development [Application for Office, and Project Recruitment]
5. Office of Recruitment [Non-Teaching Staff, Faculty, Post-DoC] including payment gateway for Non-Teaching staff
6. Office of Store and Purchase [with maintenance of Desktop Application], online tender, online Payment for tender EMD
7. Office of Accounts [Payment Gateway used in all the Internet and Intranet]
8. Office of Library (Book procurement system)
9. Assisting in Website Development & Maintenance
10. Online Semester Fee Payment
11. Online Academic Registration System
12. Online portal for Office of Student (Teaching Assistantship, Financial Assistance (MCM and other), PG leave module, Mess dues Debate and billing portal) used by Student, Office and Department Office.

Apart from these application also handled (from April 2019 to Sep 8, 2020) the Institute Server from Data Centre and report to Faculty Associate Computer Centre and Head Computer Centre. Includes the following activities:

1. New Server installation and maintenance according to the request and approval from the authority
2. License Server handling
3. Red Hat Virtualization management
4. Database Server, Webserver, LDAP authentication Server
5. Installed and configured new DNS Server
6. Installed and Configured New Windows Server for License purpose (Siemens Software)
7. Storage